

PE13-017

SUTPHEN

7-25-2013

Request 10

DPS Report Sect 3



ALL OUT.™

TAG 434



WARNING

Keep legs and feet inside kick guard during aerial operations. Failure to do so may result in serious injury or death.

POWER SOURCE SPECIFICATIONS	
OPERATIONAL CATEGORY	CONTINUOUS DUTY RATING
RATED VOLTAGE(S) AND TYPE (AC OR DC)	XXXXXX
PHASE	XXXXXX
RATED FREQUENCY	XXXXXX
RATED AMPERAGE	XXXXXX
CONTINUOUS RATED WATTS	XXXXXX
POWER SOURCE ENGINE SPEED	XXXXXX

TAG 433.

TAG 432



FLUID DATA

Sutphen Corporation
7000 Columbus-Marysville Road
Amlin, OH 43022
(800) 848-5860

	QTY.	TYPE		QTY.	TYPE
CHASSIS ENGINE OIL			CAB TILT MECH. FLUID		
CHASSIS ENGINE COOLANT			TRANSFER CASE FLUID / AUTO LUBE		
CHASSIS TRANSMISSION FLUID			EQUIPMENT RACK FLUID		
PUMP TRANSMISSION FLUID			GENERATOR SYSTEM LUBRICANT		
PUMP PRIMER FLUID			AERIAL TOWER HYDRAULIC FLUID		
DRIVE AXLE LUBRICATION FLUID			LEVELING SYSTEM FLUID		
AIR-CONDITIONING REFRIGERANT FLUID			FUEL TANK DIESEL NO. 2		
AIR-COND. LUBRICAT OIL SYS. LUBRICANT			FRONT TIRE COLD PSI		
POWER STEERING FLUID			REAR TIRE COLD PSI		
MONTH-YEAR BUILT			DATE SHIPPED		
VEHICLE IDENTIFICATION NO.				HS-	

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Operator Manual

TAG 441

UP Front Axle Lock DOWN	RET Right Front Stabilizer EXT	RET Left Front Stabilizer EXT	UP Right Stabilizer DOWN	UP Left Stabilizer DOWN	UP Rear Stabilizer DOWN
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TAG 442

WARNING

Maximum lifting eye capacity of 800 lbs.	Static load only.	Any weight suspended from lifting eye must be subtracted from available platform payload.
	No rappelling from platform.	

TAG 446

SAFETY INSTRUCTIONS

1. Lifting eye capacity - 800 lbs.
2. Any weight suspended from eye must be subtracted from platform capacity.

Sutphen-20



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TAG 447

SAFETY INSTRUCTIONS

1. Stokes arm capacity - 250 lbs.
2. Max. of 500 lbs. in platform when using Stokes Arms.

TAG 448

**WHEN DIFFERENTIAL LOCK
IS ENGAGED, THE
MAXIMUM SPEED IS
25 MPH**

TAG 449

CAUTION

When filling water tank, do not
exceed 100 psi. Failure to do so
could cause the tank to rupture.

TAG 454

WARNING

Do Not Exceed
Wattage Rating
of Generator.
Generator may be
Permanently
Damaged
and Void Warranty.

TAG 452

**GEN.
PTO**

TAG 455

**Ladder Belt
Tie-Off Point**

Not For
Rescue or
Rappelling
250lb. Max.

Sutphen-21

Operator Manual

Warning/Danger/Caution Labels List

TAG 10	ALIGNMENT LIGHT
TAG 15	DO NOT MODIFY
TAG 16	DO NOT GET OIL IN EYES
TAG 17	STAND ON STEP - ELECTROCUTION
TAG 18	PINCH POINT
TAG 19	CRUSHING INJURY
TAG 20	ELECTROCUTION HAZARD
TAG 21	LIFTING EYE
TAG 22	DO NOT CLIMB BOOM
TAG 23	AERIAL DATA PLACARD
TAG 36	FIRE MAY OCCUR
TAG 38	BREATHING OF FUMES
TAG 38-1 HORZ.	BREATHING OF FUMES
TAG 55	JUMP STARTING PRECAUTIONS
TAG 56	EXPLOSION MAY OCCUR - BATTERIES
TAG 57	OCCUPANTS MUST BE SEATED
TAG 58	DO NOT USE AUXILIARY BRAKING
TAG 59	STAY CLEAR OF FAN
TAG 66	STAND CLEAR OF OUTRIGGER
TAG 281	TIRE CHAIN OPERATION
TAG 310	COMPUTER CODE SWITCH
TAG 322	STAND CLEAR - LOWERING CAB
TAG 323	BEFORE RAISING CAB
TAG 324	CAB TILT UP & DOWN
TAG 325	CAB TILT SAFETY LATCH
TAG 326	DO NOT RAPPEL FROM AERIAL
TAG 327	LEVELING SYSTEM OVERRIDE
TAG 328	FALL HAZARD
TAG 353	SUTPHEN - TEAMSTER LOGO
TAG 365	CARRY MAX. PERSONNEL
TAG 368	TO ENGAGE PTO
TAG 370	EQUIPMENT MOUNTED
TAG 375	SET REAR JACKS
TAG 381	ABS CODE SWITCH
TAG 385	POSITIVE/NEGATIVE
TAG 395	FLOW OR RECIRCULATE

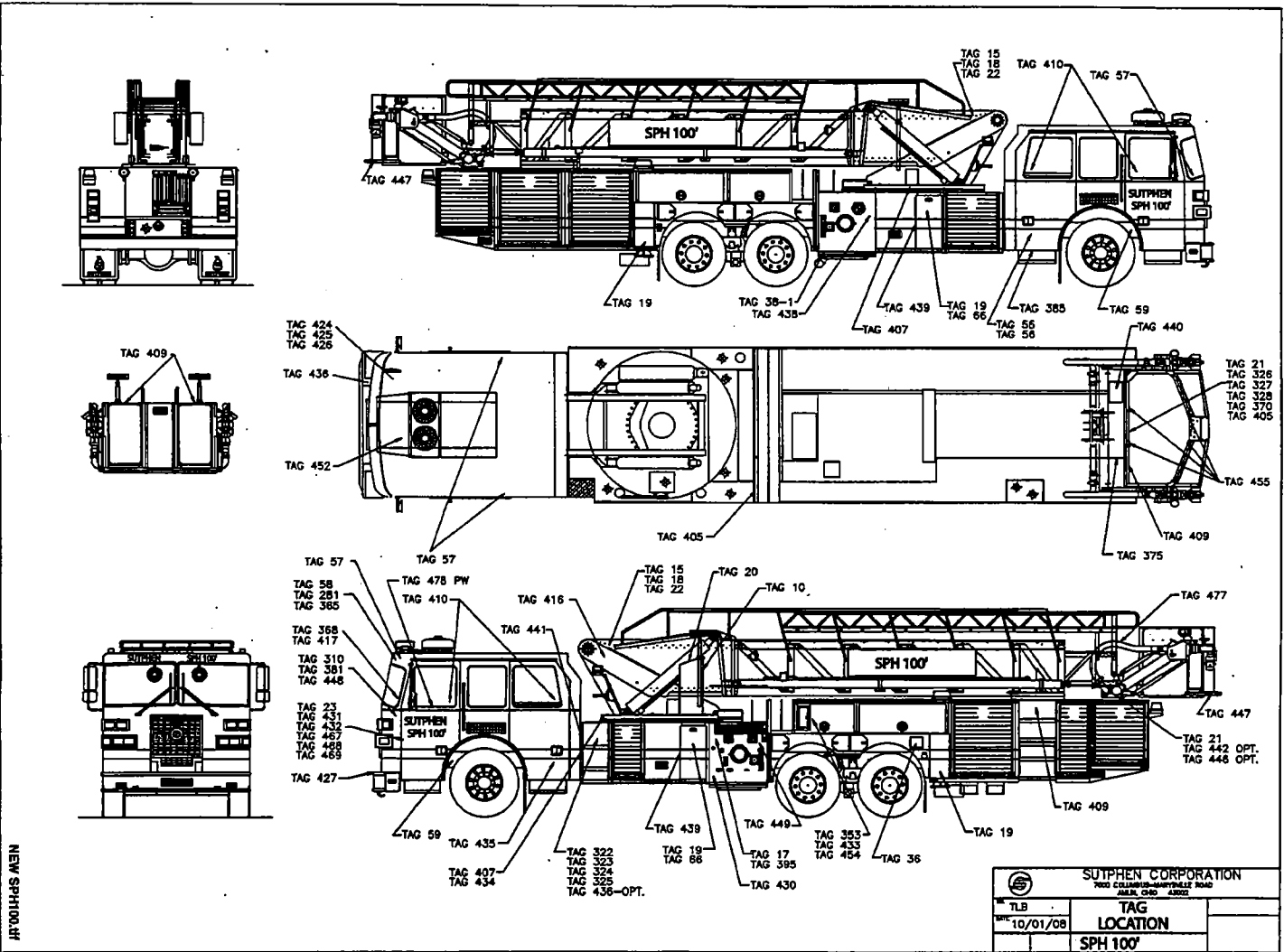


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Warning/Danger/Caution Labels List - Continued

TAG 405	ELECTROCUTION HAZARD
TAG 407	PEDESTAL AREA
TAG 408	LOCK - DOWN
TAG 409	EXITING BUCKET
TAG 410	EXITING CAB
TAG 416	SAFETY CHAIN FASTENED
TAG 417	ENGAGE GENERATOR
TAG 424	AIR HORN
TAG 425	ELECTRIC SIREN
TAG 426	MECHANICAL SIREN
TAG 427	DO NOT WALK ON SURFACE
TAG 430	PUMP DATA PLACARD
TAG 431	CHASSIS DATA PLACARD
TAG 432	FLUID DATA PLACARD
TAG 433	POWER SOURCE SPECS.
TAG 434	KEEP FEET INSIDE KICK GUARD
TAG 435	KUSSMAL AUTO-PUMP DRAIN
TAG 436	FRONT SUCTION - RAISING CAB
TAG 438	WATERWAY VALVE OVERRIDE
TAG 439	INSTALL SAFETY PIN (VERTICAL)
TAG 440	EQUIPMENT LIMITS - 5 LB. (BUCKET)
TAG 441	MANUAL OVERRIDE OUTRIGGER CONTROLS (SPH)
TAG 442	BUCKET STATIC LOAD
TAG 443	PUMP DATA PLACARD (METRIC)
TAG 444	TIRE PRESSURE FR. 120 R. 95
TAG 445	TIRE PRESSURE FR. 120 R. 110
TAG 446	LIFTING EYE CAPACITY 800 LB.
TAG 447	STOKES ARM CAPACITY 250 LB.
TAG 448	DIFFERENTIAL LOCK ENGAGEMENT
TAG 449	WATER TANK REFILL
TAG 450	PRESS. GOV. RPM MODE
TAG 451	HYDR. COMPT. JACK CONTROL 95/100
TAG 452	GENERATOR PTO
TAG 453	TIRE PRESSURE (AERIAL)
TAG 454	GENERATOR
TAG 455	LADDER BELT TIE-OFF POINT

Safety Tags Location





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1.4 Cab Setup Procedures

Locating the Vehicle

1. Spot the rig about 30 to 35 feet from the building when possible. This will give you maximum vertical coverage of the building.
2. Set the parking brake.
3. Place the transmission in neutral.
4. Make sure apparatus is on firm pavement, and that it is clear of overhead obstacles, such as poles, wires, building overhang, etc.
5. Make sure that the outriggers or rear jacks are not going to sit upon manhole covers, drains, or grates in the street or on sidewalks.
6. Good judgement must be used in locating the apparatus at the fire scene. Ideal conditions may not always exist, so caution must be used to determine as safe a location as possible for the apparatus.

Activating the Hydraulic System

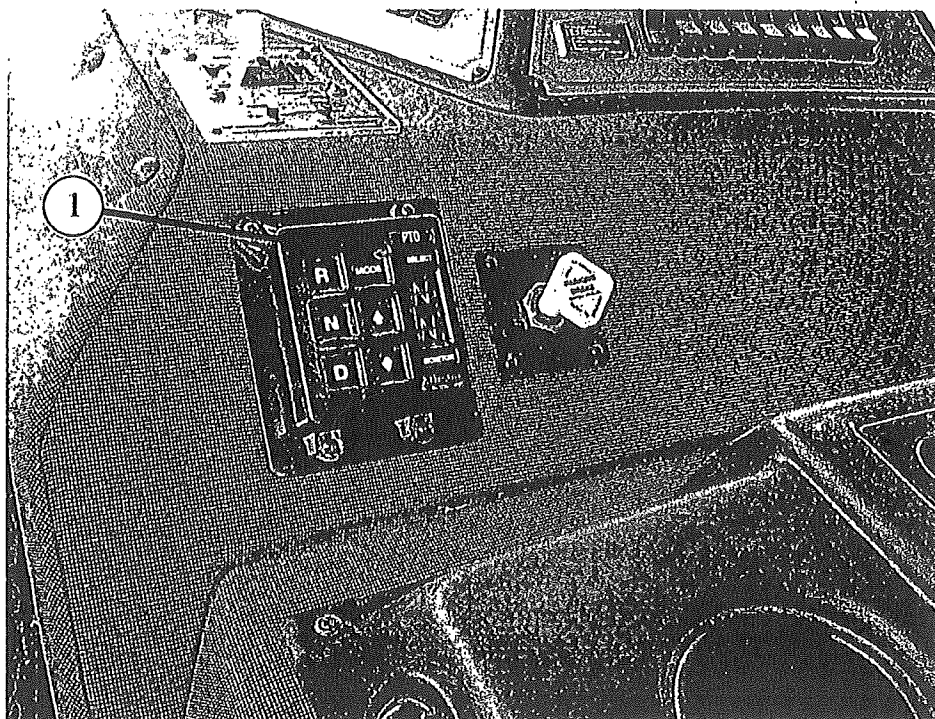
There is a PTO which operates the hydraulic pump, providing hydraulic pressure to the system.

1. Engine must be at idle RPM.
2. Be sure there is at least 90 lbs of air pressure on truck air system.
3. Truck must be at complete stop, parking brake set, and transmission in neutral (N).
4. Flip rocker switch for Aerial PTO. A pilot light (1) will come on when the PTO is engaged.

The cab controls are now set to operate the hydraulic system.

▽ **Operator Manual**

If not using the fire pump, or if your vehicle does not have a fire pump, proceed to **AERIAL TOWER SETUP** found later in these instructions.



Mode Button and Pilot Light (1) for Generator PTO

1.5 Cab Setup for Fire Pump Operation

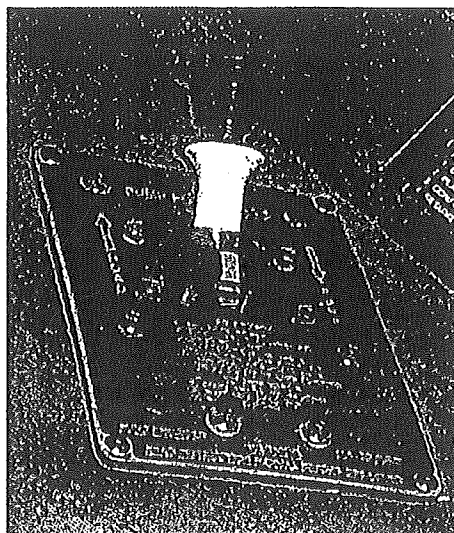
NOTE: See Fire Pump Manual for more detailed information.

1. Truck must be stopped and parking brake set.
2. Truck transmission must be in neutral (N) position.
3. Engine must be at idle RPM.



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4. Move the pump shift lever from ROAD position to PUMP position. This is done by raising the yellow locking collar and pulling back on the lever. Notice the green PUMP ENGAGEMENT light will come on. Pause in the middle to let air exhaust in between shifting.



Pump Shift Lever

5. (Only if the pump is wet)
Shift transmission to drive (D) (1-4) position. Power from the engine is now being transferred to the pump drive gear and pump impellers are turning. Observe the second illuminated green OK TO PUMP indicator light next to the shift lever. The lock-up for the automatic transmission will be engaged when the transmission is shifted into drive (D). The pump shift lever will hold the transmission in the pumping gear position.

If the light is not on, the pump is not engaged. Repeat steps 1-5 and observe for pump engagement.

6. To have the pump ready for operation later, leave transmission selector in neutral (N). For pump operation, simply put transmission selector in drive (D) (1-4).

▼ **Operator Manual**

NOTE: Upon arrival at a structure fire or other incident where the tower is not immediately needed, but the fire pump is being used, it is a good practice to place the PTO in gear before placing the fire pump in gear. Should a need to use the tower arise, and the fire pump is being used, the stabilizers can be set, and the tower is then ready for immediate use. If the PTO was not engaged before the pump was set up, it would be necessary to slow the engine to an idle to engage the PTO, jeopardizing fire fighting operations.

1.6 Aerial Setup Procedures

Your Sutphen Aerial Platform has been designed to work in out-of-level conditions up to 5 degrees side-to-side and 20 degrees front-to-rear. You can work in high winds up to 50 mph. The aerial can shed ice buildup caused by freezing rain or nozzle spray.

1.7 Stabilizing System

This system consists of eight double-acting hydraulic cylinders. Two of the cylinders permit the extension of the main outriggers to be located in such a manner as to allow for curbs or chuckholes or operating in alleys or narrow locations between other vehicles. All cylinders are provided with double pilot-operated check valves to ensure constant holding position of any outrigger after it has been set in position. The main stabilizers (outriggers) are provided with large steel feet that swivel to allow them to adjust to the contour of the ground surface. Auxiliary ground jack pads are provided for the outriggers and should be used every time the tower is set up. A front jack system is provided on all models.



DANGER

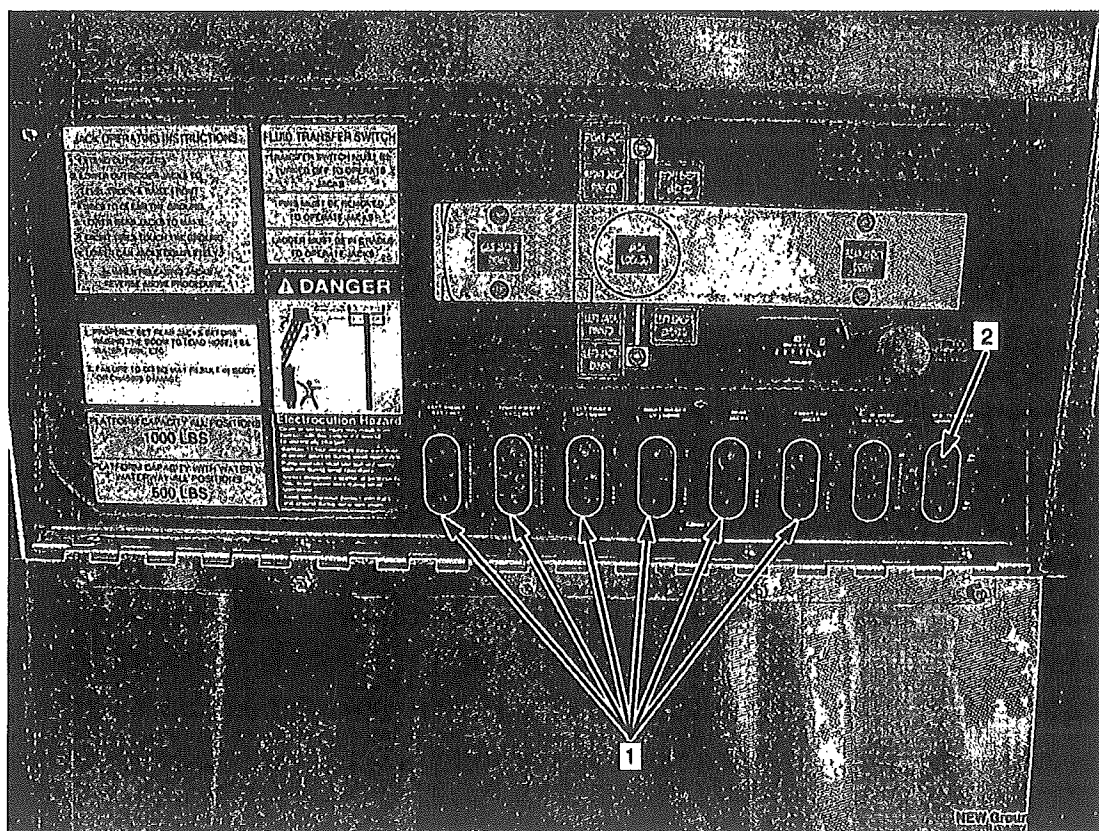
Always set up the apparatus on concrete, blacktop, or gravel. Surface must be firm and solid. Soil/ground surfaces are not desirable, as the outrigger may sink into the ground causing a tipover. Soil surfaces that seem stable upon setup may erode with fire scene runoff water, thus making them unstable. Asphalt parking lot surfaces are typically thin and in hot weather may allow the outrigger to sink through, especially if the subsurface material is sand.



ALL OUT.

Ground Jack Controls

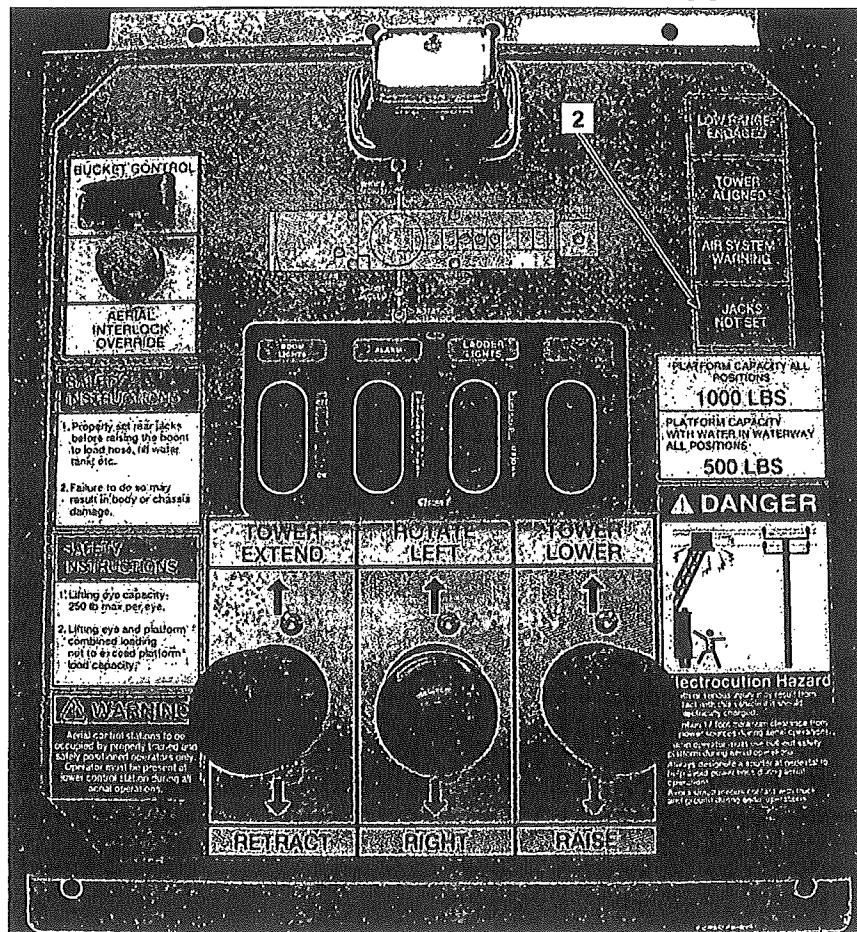
1. Move to the ground jack controls, located in the compartment directly behind the cab on the driver's side of the truck.
2. There are six switches (1) for the hydraulic control valves to operate the outriggers/jacks.
3. Look at the level indicator located on the rear of the cab to see how far out-of-level the apparatus is.
4. There is a switch labeled HYD. TRANSFER - OFF (2) for jack operation and ON for aerial operations.



Ground Jack Controls

Operator Manual

5. Making sure all is clear, extend the left-hand outriggers to the maximum extension. As the outriggers start out, a warning alarm will sound and the JACKS NOT SET (2) text box on the turntable pedestal will illuminate. This indicates that the jack system is not properly deployed but will silence, and the text box light will go out, when you complete the setup procedure.

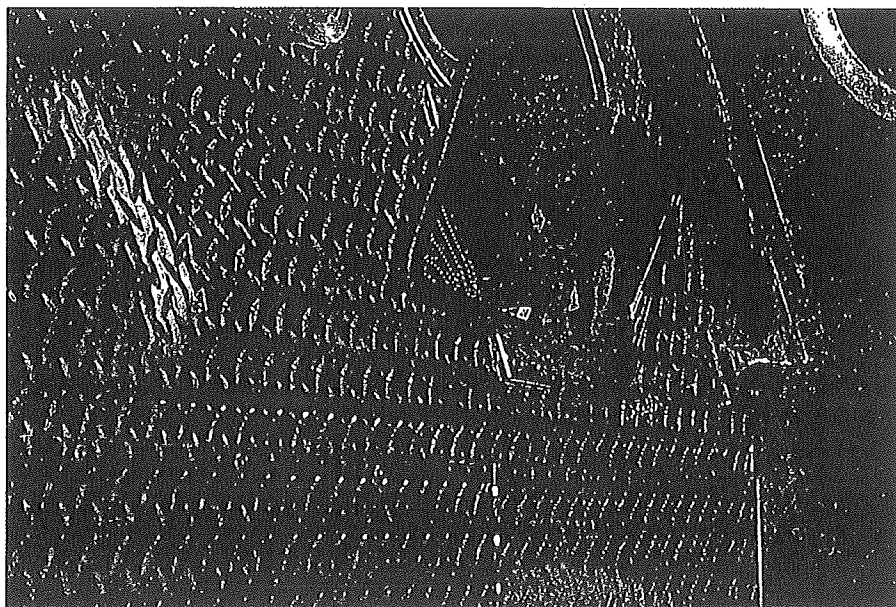


Pedestal Control Panel



ALL OUT.

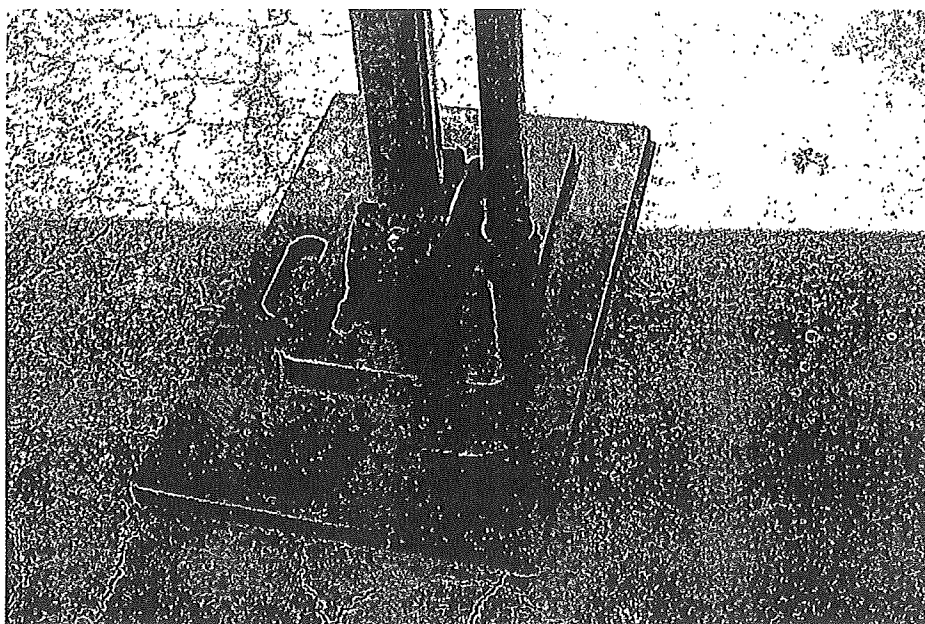
6. Making sure all is clear, extend the right-hand outrigger to the maximum extension, observing the area through the large mirror provided on the rear of the cab. Although one person can perform this operation, it is safer and quicker to have someone else on the right side of the apparatus.



View of Right Outrigger in Mirror

▼ **Operator Manual**

7. Remove the auxiliary ground pads from their carriers under the front compartments and place them directly under each outrigger foot.



Auxiliary Pad Under Outrigger



DANGER

Auxiliary ground pads must be placed under outrigger feet at all times. Failure to do so could result in a tipover causing serious injury or death and/or damage to the vehicle. Never put wood or plastic jack pads down for rear jacks; use only metal for grounding.

8. Lower the left outrigger until it touches the auxiliary ground pad.
9. Lower the right outrigger until it touches the auxiliary ground pads. View from mirror or spotter.
10. Level the truck from side-to-side, if necessary, to work in a range of 5 degrees out of level as indicated by the green area on the level indicator on the rear of the cab. As long as the level is in the green area, you are allowed to operate.
11. Push and hold both left and right outrigger down switches simultaneously to raise the front of the truck until the front tires clear the ground one inch.
12. Lower the rear jacks so that the tires on the front axle just touch the ground.



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NOTE: At this point, the front tires should have come down to where they are just touching the ground.

If working on a surface that is not level in the longitudinal axis of the truck, use the outriggers and the rear jacks to level the truck as much as possible.

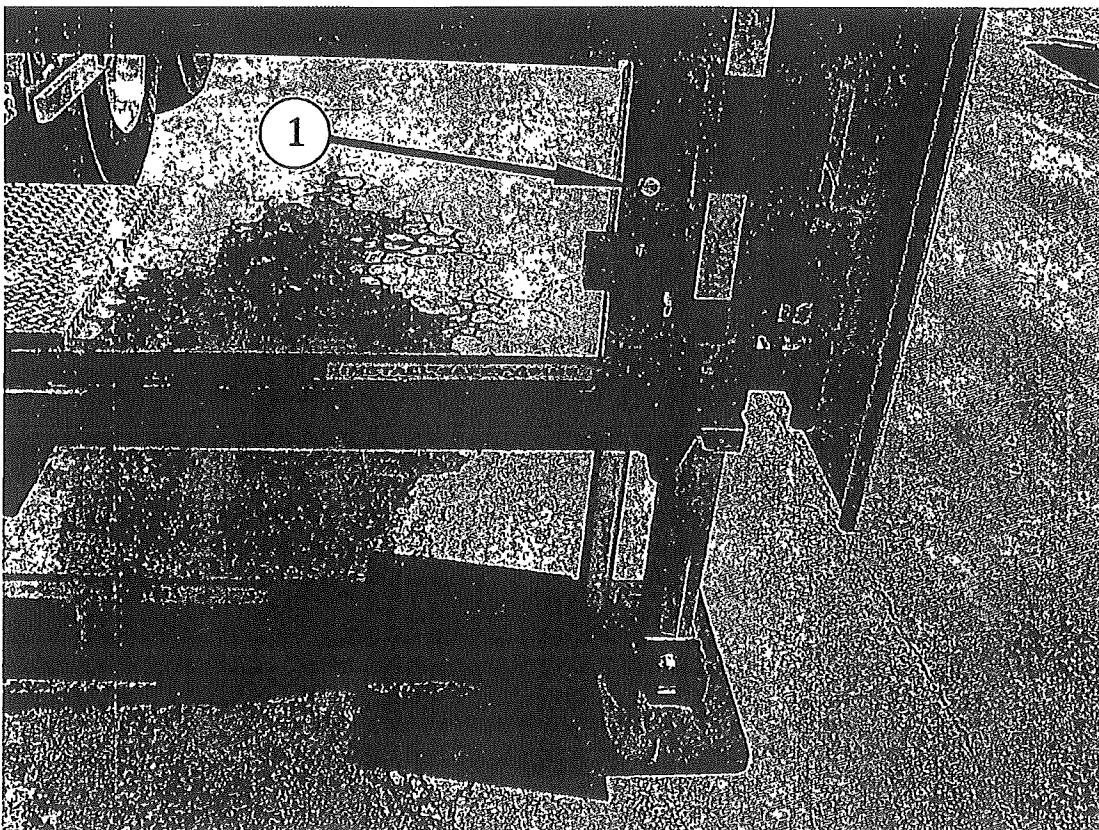
NOTE: The above setup procedures are for ideal conditions on flat, level surfaces. If the truck is headed uphill, the front tires will be pressed farther into the pavement and if setup is headed downhill, the front tires may be off the ground.

13. Your apparatus is equipped with cab (axle) jacks, which are two cylinders mounted to the chassis frame in the front wheelwell that push against the front axle. Push the front jack switch to fully extend them, which will isolate the front suspension.

1.8 Safety Pins

Install the pins only after the apparatus has been completely set up properly. The operator and his/her assistant are to show the pins to each other in the mirror before installing them.

Place the outrigger safety pins (1) in the lowest possible hole in the outrigger jack frames. The pins must be installed per instructions, as this completes the interlock system and allows power to be transferred to the upper controls.

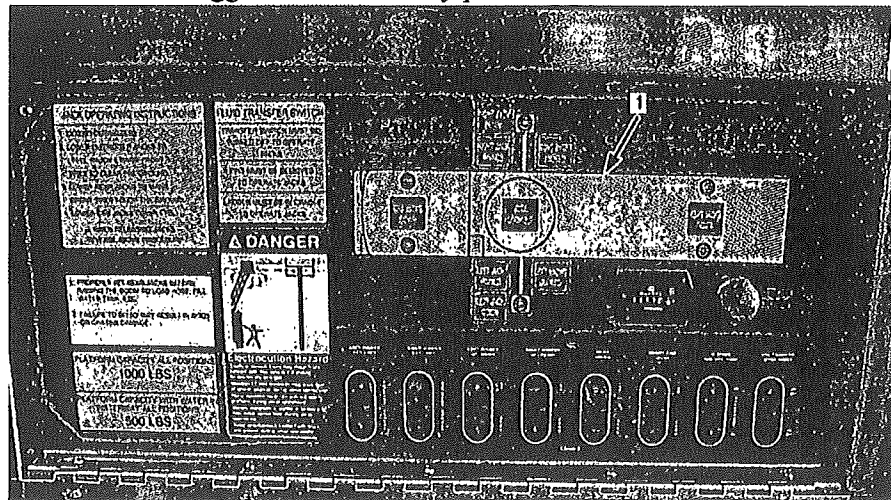


Installed Safety Pin



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If the safety pin hole is near (1/2" or less) to the safety bar, go up to next higher hole. This will avoid having the pin pinched by cylinder creep that will later not allow you to remove pin when taking down the truck. If it does happen, you must use manual controls under the rear of the cab to operate the jacks. At this point, lower the outriggers until the safety pin is free and remove it.



Stabilizer Interlock Display Graphic (1)



DANGER

Always install safety pins on stabilizers. This will guard against a cylinder collapse caused by an internal leak, such as a damaged piston seal.

NOTE: Once the setup is complete, the warning alarm will automatically silence. The Interlock Display Graphic has individual indicators (LEDs) to show when the individual jack is down. When the jack pair is down (Left and Right, both Rear or both Cab Jacks) the appropriate text box will be on. The Left and Right Jack Pinned text box will be on indicating the individual jack is pinned.

At the pedestal, the JACKS NOT SET text box will go out once the setup is complete (the jacks are fully deployed and pinned).

▽ **Operator Manual**

1.9 Transfer Fluid for Aerial Operation

Push the HYD. TRANSFER switch to transfer the hydraulic fluid to the aerial controls. Fluid is now being pumped to the aerial controls on the turntable and the Jack Lockout text box on the Ground Jack Control panel will be lit indicating the fluid has been transferred.

Activate electrical power to the turntable pedestal by turning the UPPER POWER switch on the Ground Jack Control panel to the ON position.

SAFETY TIP: This switch may be used to disable the platform controls should someone on the ground observe an impending danger to those in the platform that they may not be aware of.

NOTE: This will also shut off power to the intercom system and the platform leveling system. For this reason, it is preferred to use the BUCKET CONTROL POWER switch on the pedestal, which only shuts off power to the platform controls.

With all outriggers and ground jacks properly set as described here, your aerial is designed to operate at its maximum height and horizontal reach with its rated payload without danger of harming personnel or equipment. Precaution must be taken to ensure that the aerial is operated so it does not strike the cab or any other portion of the apparatus during any operation. Water stream reactions may have some affect on certain functions of the tower. This is detailed under Waterway and Nozzles. Power lines should always be observed and avoided at all times.



DANGER

*When operating near power lines, pump operator must stand on the operator's step at all times during tower operation to help prevent operator from becoming the ground in the event tower comes in contact with power lines. Failure to do so could result in **SERIOUS INJURY OR DEATH**.*

Place wheel chocks in front of and behind the front tandem. Place the chock at the outside tires.



CAUTION

Always remove the chocks before releasing any of the ground jacks. Failure to do so may result in wedging the chock block so tightly against the tire tread that it cannot be removed.



ALL OUT.

1.10 Stabilizer Interlock System

This stabilizer interlock system is a series of position sensors that are specifically designed to ensure safe and proper set up of the apparatus for aerial operation.

When the outriggers begin to extend, a warning alarm sounds and the JACKS NOT SET box on the pedestal operator panel lights. This indicates that the jack system is not properly set up or properly stowed. The alarm will silence and the JACKS NOT SET will go out when the jack system is properly set up or properly stowed.

When the ground jacks are set up according to the instruction previously found in this manual, one pair of sensors closes when the stabilizers are fully extended and one pair of sensors closes when the outrigger jacks have the safety pins installed.

The closing of these switches produces a signal which allows the aerial to be operated. The initial movement of the aerial from the cradled position locks the fluid transfer so that it cannot be operated again until the aerial is returned to the cradled or stowed position and both safety pins have been removed.

Stabilizer Interlock Override Procedure

Located on the right side of the Ground Jack Control panel and on top of the turntable pedestal are the stabilizer interlock override buttons. They are to be used only in extreme situations where one or both outriggers cannot be fully extended on the side opposite the side you are wanting to operate on. These buttons should be only used by personnel fully trained in the operation of the vehicle. This includes understanding the danger of an overturned vehicle caused by working over an unextended outrigger.

By simultaneously depressing the buttons, you can raise the aerial from the bed of the truck. After the aerial has cleared the bed, you may let go of the override buttons and the tower will continue to operate. Notice that when the aerial clears the bed, the audible alarm stops, but JACKS NOT SET text box remains on, reminding you that the truck is not set up properly.

After the tower is in operation, great concern shall be given to the position of the tower and shall never be rotated past the longitudinal centerline of the truck towards the "short jacked" side. The short jacked side of the truck should have the outrigger run out as far as possible and have the pad down and pin in.

1.11 Rotation Interlock System

The rotation interlock system will allow the aerial to operate with only one outrigger fully extended on one side and the other side only partially extended. This condition is known as short jacking. This configuration may be required when operating in very narrow areas.

Both outriggers must be lowered properly and the safety pins must be installed properly for the aerial to operate.

In operation, the boom is permitted full unobstructed operation on the side of the fully extended outrigger. Operation is not permitted past the centerline of the truck towards the short jacked side of the truck.

When operating over the properly jacked side of the truck, and you rotate near the longitudinal centerline of the truck, the rotation interlock system will activate audible and visual alarms and put the aerial controls into CREEP MODE. As movement continues, the rotation will stop preventing movement over the short jacked side.

Movement will be allowed back towards the properly jacked side.

If, for some reason, the boom has drifted to the short jacked side of the truck, the controls will allow you to rotate back towards the centerline of the truck in whichever direction is closest.



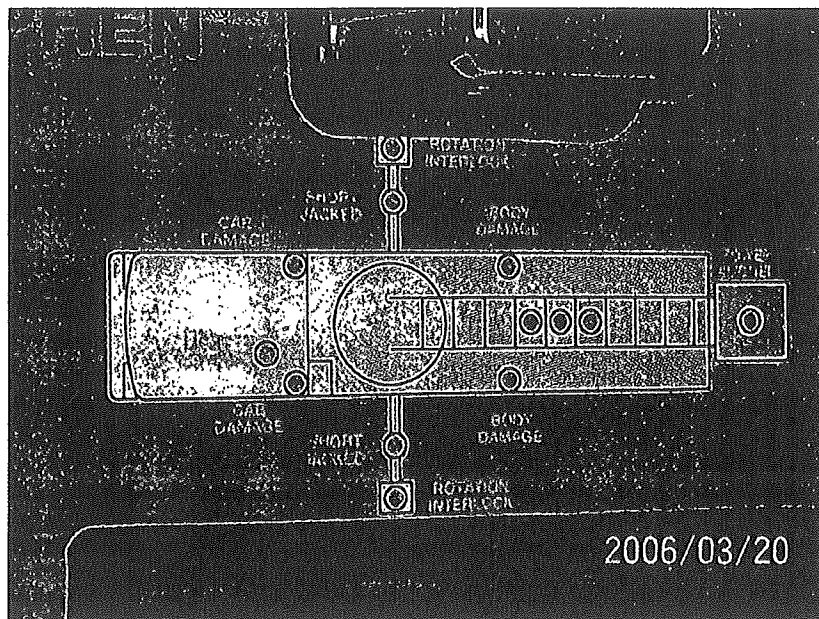
ALL OUT.

1.12 Smart Boom Warning System

This system will warn you both audibly and visually of impending contact with either the cab or the body of the truck. It will not stop movement of the boom!

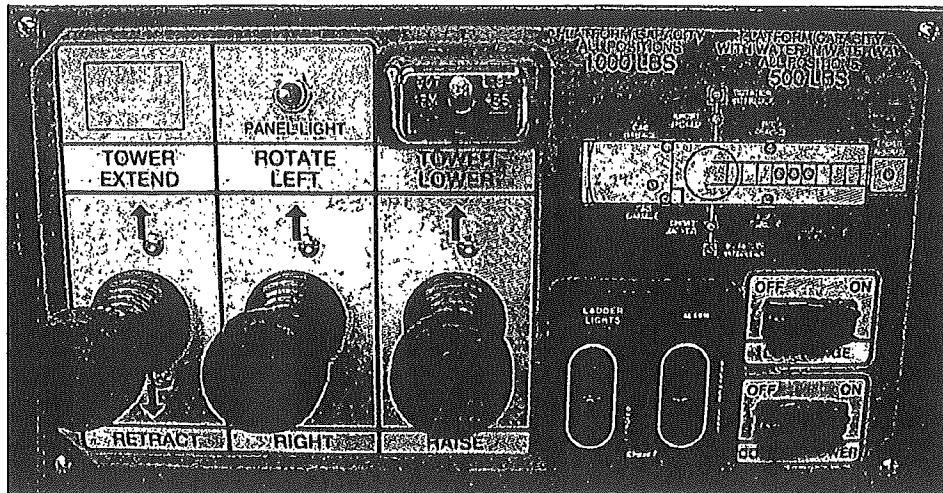
The system consists of sensors underneath the turntable that determine the radial location of the aerial and adjustable sensors on the left turntable side plate that determine the elevation of the aerial.

Located at the turntable pedestal and in the platform are graphic displays for the SMART BOOM WARNING SYSTEM and the ROTATION INTERLOCK SYSTEM. They provide visual indications of the current status of aerial operations.



**Pedestal Display Panel of Smart Boom Warning System
and Rotation Interlock System**

Operator Manual



Bucket Control Panel

In operation, if the boom is positioned above the cab or body and is lowered to a point that the SMART BOOM WARNING SYSTEM is activated, the aerial controls will be put into a slow motion CREEP MODE and visual and audible alarms will be activated. The aerial controls will remain in CREEP MODE as long as the boom is inside the CONTACT ZONE.

If the boom is in a low elevation over one of the outriggers and is rotated toward the cab or body, the SMART BOOM WARNING SYSTEM will be activated when in close proximity.

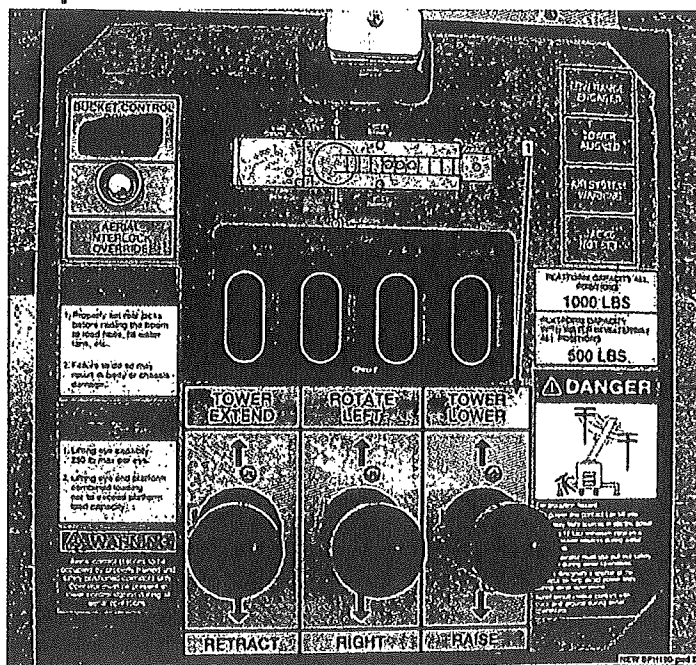
When in a CREEP MODE, full operational speed may be regained by either elevating or rotating the boom until it is clear of the CONTACT ZONE.

When a CONTACT ZONE alarm is sounding, you may cancel the audible portion of the alarm by pushing the ALARM SILENCE button. This will only cancel it at the operator's station that you are at. When the boom is moved to a location outside the CONTACT ZONE, the audible alarm will be automatically reset.

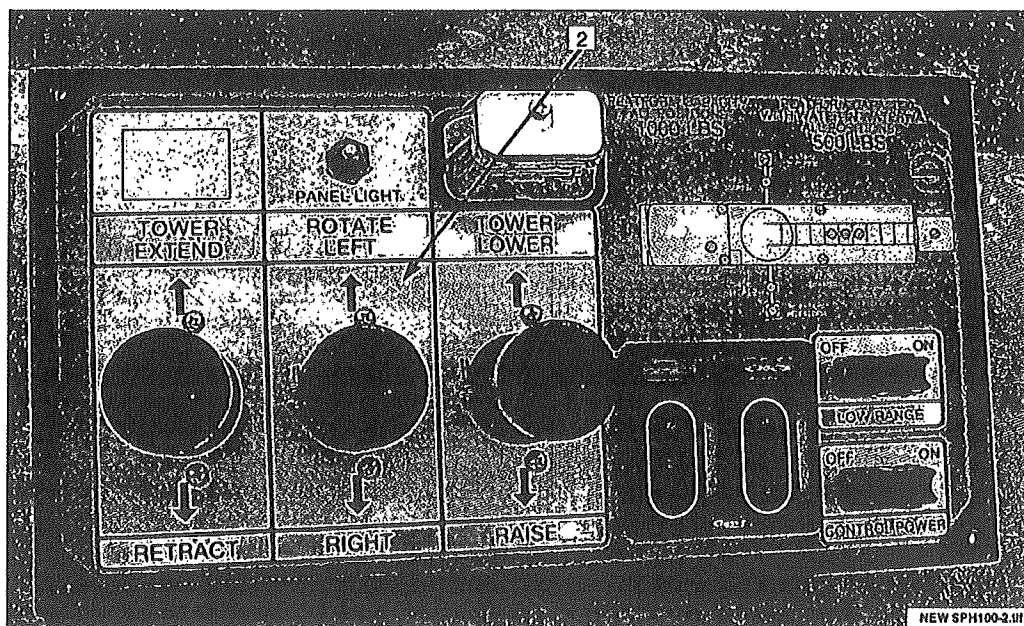


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1.13 Aerial Operational Controls



Pedestal Controls



Platform Controls

▽ **Operator Manual**

The aerial may be operated from the turntable pedestal controls (1) or the platform controls (2). The platform and pedestal controls are multiplexed electric over hydraulic.

You will notice that both sets of controls are "proportional", meaning that the operations can be "feathered" to produce gentle movements.

The pedestal controls will always override the platform controls. If the platform operator is moving in one direction, the pedestal operator can stop the operation if an emergency need arises. The power to the platform controls can be turned off at the pedestal or in the ground jack controls.



DANGER

Never operate the tower without first deploying the stabilizer jacks with proper auxiliary ground pads beneath them.

Raise/Lower

Raise the tower by moving the right control lever in the direction indicated.

Lower the tower by moving the right control lever in the direction indicated.

NOTE: Controls in platforms are duplicates of lower controls.

When raising the tower from the cradle, the first motion of the tower should be up, and this should continue until tower is well above the truck.



CAUTION

Observe that tower has cleared the truck body, cab, and lights before rotating. The recommended procedure for aerial operation is a slow, steady movement of the control lever, which will produce a smooth operation.



CAUTION

Rapid movement or jerking of the control levers will result in rough jerking of the aerial imposing excessive loading on the tower structure. This kind of operation is unsafe and will lead to premature wear and, at the extreme, possible structure failure.



ALL OUT.



DANGER

When raising the aerial, extreme caution should be used near power lines. The operator must observe the tower structure from base to tip to ascertain that the tower is in the clear.

The tower can be elevated from minus 5 degrees to plus 80 degrees from horizontal while in any position of extension.



WARNING

There should be an operator at the lower control station any time the aerial is being used. The lower controls can override the platform controls should an emergency or dangerous situation come up or if the platform operator should become incapacitated because of smoke or other problems.

Extend/Retract

Extend the tower by moving the left control lever in the direction indicated.

Retract the tower by moving the left control lever in the direction indicated.

Rotation

Rotate the tower to the left by moving the center control lever in the direction indicated.

Rotate the tower to the center by moving the right control lever in the direction indicated.

The tower is capable of continuous 360-degree rotation, either to the left or the right.

The operator should never change direction of rotation without first bringing the aerial to a gentle stop.

High-Speed Control

On the floor of the turntable and on the floor of the platform there is a HI-SPEED switch provided to increase the engine speed and hydraulic pressure simultaneously. This switch is to be used only to increase the speed of operation of the aerial.

There is also a high-speed switch on the Ground Jack Control panel that may be used while operating the outriggers/jacks.



CAUTION

Caution must be used in the use of this HI-SPEED switch.

NOTE: When in pump mode, the switch is disabled.

NOTE: When using the HI-SPEED switch, first have the operational control lever being used in position before engaging the HI-SPEED switch. When coming off HI-SPEED, first release the switch, then release the control lever as desired to complete movement and give a smooth, safe operation.

When extending the aerial and using the HI-SPEED control, be sure to release the HI-SPEED switch before reaching maximum extension. Aerial extension will stop at maximum extension. (There is no signal device for indicating full extension.)

When retracting the aerial and using the HI-SPEED switch, be sure to release the HI-SPEED switch before reaching full retracted position.

NOTE: The aerial is capable of continuous 360-degree rotation to the left or right. If it becomes necessary to rotate at a faster speed, the HI-SPEED switch can be used. Be sure the rotation control lever is engaged before engaging the HI-SPEED switch. When coming off HI-SPEED, release the HI-SPEED switch before releasing the rotational control lever. This will give a nice smooth operation.



ALL OUT.



CAUTION

While rotating the tower, the operator should not change directions without first permitting the tower to come to a complete stop!

In the event the operator accidentally changes rotation directions without the tower coming to a complete stop, there is a built-in relief valve provided to reduce the shock of such a happening. IN NO WAY SHOULD THIS BE AN OPERATIONAL PRACTICE!

Low Range Switch

On the platform control panel there is a switch labeled LOW RANGE. When turned on, this will slow the aerial to approximately half-speed. This can be beneficial when working near obstacles to give you precise control. When activated, both the bucket controls and pedestal controls will be affected.

Auxiliary Hydraulic Power Switch

The auxiliary hydraulic power switch is located on the hydraulic panel. Auxiliary power is used in the event of a main hydraulic pump failure or in case the truck engine fails. It consists of an electric motor, operated from the truck battery system, which operates an auxiliary hydraulic pump.

Operate the motor by turning the auxiliary power switch to the ON position.

All tower functions can be operated on auxiliary power.



CAUTION

Prolonged operation may cause the motor to overheat. The operator should avoid overheating and burning out the motor. If the motor becomes hot, shut down and allow to cool. Failure to do so could result in serious damage to the motor. Run for two minutes and cool for five minutes.

1.14 Water Delivery System

Telescopic Waterway

The waterway through which water from the pump or manifold assembly is transferred to the nozzle is a five-section, telescopic aluminum device. It is located within the tower sections mounted and cushioned to eliminate any undue stress or strain under tower operating conditions.

The waterway is fed from the pump through the main feed line, coming up through the turntable and passing through a large stainless steel flex tube, which is directly attached to the waterway. Special packing gland seals are provided at the attachment location of each waterway section to ensure constant alignment and eliminate wear to the tubes.

The feed line for the waterway is provided with an electric ball valve at the lower entrance of the water supply. For best results, open and close valve at idle pressure. This is to ensure that no undue water surge is applied to the waterway. A manual override for this valve is provided on the right-side pump panel if your truck has a Hale pump and if your truck has a Waterous pump. In both cases, there is a hand wheel that can be used to open the valve.

NOTE: This override turns clockwise to open.

Two relief valves are installed in the waterway system to help prevent excessive pressure in the waterway (one under the truck and one just behind the platform). Should the operator retract the tower without opening the waterway drain or should pump pressure exceed the capacity of the waterway, the relief valves will open. The lower relief valve is set at 165 psi discharge pressure, and the upper is set at 200 psi. The waterway drain should always be left open when tower is not being operated.

Maintenance is minor and is described in the section under lubrication.



ALL OUT.



CAUTION

Before retracting the tower, make sure that the nozzles and the waterway drain are open to avoid compressing the water in the waterway. Failure to do so can result in serious damage to the waterway.

Platform Water System

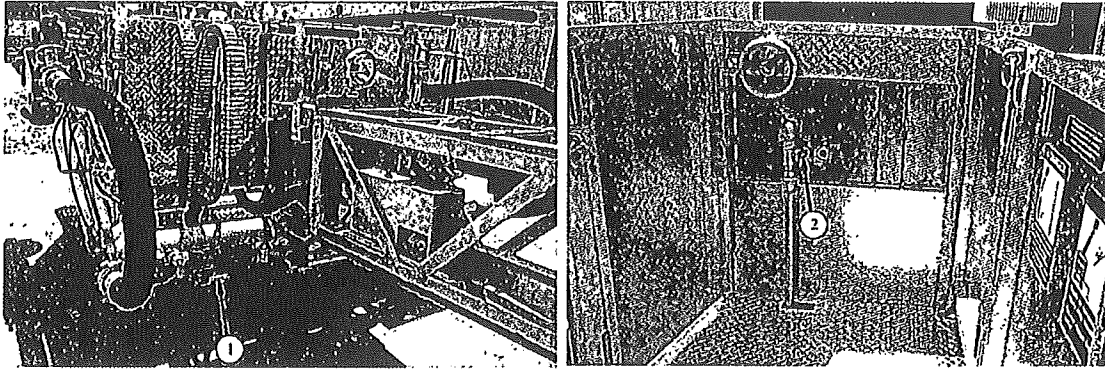
There are two turrets with adjustable stream nozzles provided on each side of the platform. Gear-driven butterfly valves are installed ahead of the turrets to allow smooth control of the water coming to the turrets, eliminating the possibility of surges (water hammer) through the waterway system. The water system is rated for up to 2000 gpm. The rating in the bucket, while waterway is charged or flowing water, is 500 lbs.

Both nozzles may be operated simultaneously or individually. The nozzles are rated to deliver the capacity of the turrets.

There are auxiliary connections on the water system at the platform for standpipe operations. They are 2 ½ inches with a 1 ½-inch reducer and cap. They are controlled by closing the butterfly valve on the turret; then controlling the water flow of these connections with the gate valve ahead of the hose connection.

1.15 Cold Weather Operations

Draining the Waterway



**Truck Has Automatic Drain
Valve on Yoke**

Water Curtain Valve

If operating in a water tower mode during freezing conditions, these instructions must be followed for draining the waterway to help prevent potential freezing.

Immediately after shutting off the water flow to the waterway, open the nozzles in the platform, the water curtain (2), and the waterway drain valve (1) (at the pump panel). To expedite the draining process, retract the aerial completely and elevate as high as practical.

1.16 Draining the Fire Pump

Open all master and individual drain valves (suction and discharge) and open all valves, removing caps to make sure they drain completely.

Drain gauges on tower gauge panel.

When pump is completely drained, all individual drains may be shut, but the master drain should be left open until the fire pump is needed to be used.



ALL OUT.

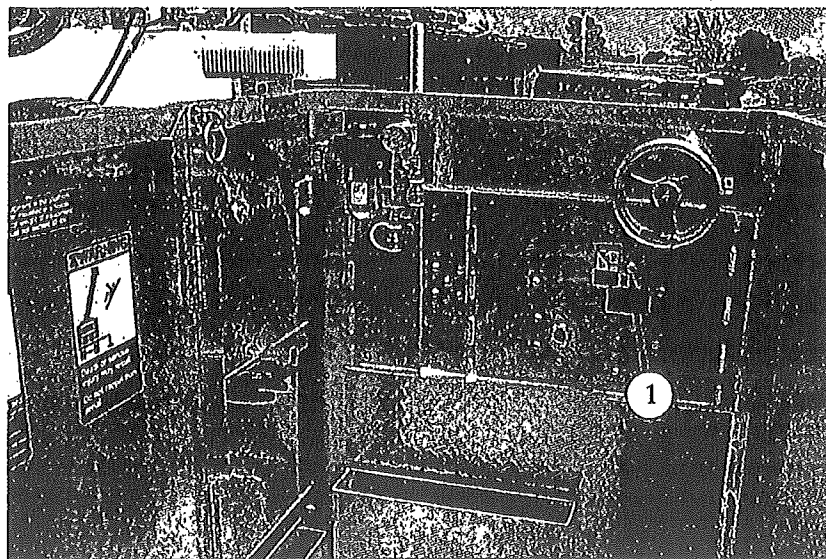
1.17 Platform Mounting and Leveling System

The platform is suspended in the yoke, anchored on each side with special self-aligning bearings and special high-tensile steel bolts. The bolts that hold the bucket to the yoke have special locking devices to ensure positive, safe operation.

The platform is maintained in a level position relative to the turntable at all times. This is accomplished by a self-contained electro-hydraulic system, eliminating any hydraulic lines up the tower. This system operates the hydraulic leveling motor. The pivot point of the platform is above the center line of the platform, providing a pendulum effect, reducing the energy required to level the platform. The system is electrically activated and kept level during any function of the tower. The pendulum effect of the platform will keep the platform level. This is an exclusive safety feature of this aerial.

Leveling System Override

In case of failure, there is one needle valve (1) located on the left side on the inside wall of the platform. Open this valve 1/4 of a turn and the hydraulic cylinder will operate with the weight in the platform, thus keeping the platform level.



Leveling System Override Valve

1.18 Optional Breathing Air System

On the aerial platform, a life support breathing system is installed. This consists of a 4500 psi, or optional 6000 psi, air cylinder mounted in brackets on the turntable, a shutoff valve, and a constant flow air regulator.

Air is piped from the regulator by a heavy-duty air hose through a cable track located in the boom to the platform.

In the platform, there is an air filter, and two air connections are provided. There is a box mounted on the platform to store masks in when not in use.

Air to the mask can be regulated from the air supply cylinder by presetting the regulator at approximately 120 psi. (Refer to air mask manufacturer's recommendations). Once the air pressure regulator has been set, all that is required to provide air to the platform is to turn air on at the air cylinder valve. The air valve should always be turned off when not in use. An air drain valve is provided on the bottom of the filter and should be opened briefly and periodically to expel any moisture which may be captured in the filter. This should be done with the air system turned on. Use and care of the air system should follow departmental procedures and guidelines.

Located at the pedestal and platform are low air warning devices. They will sound an audible alarm when breathing air pressure is low. Personnel using the air should move to a nonhazardous area when the alarm sounds.

There is a silence button located on the platform control station and one located on the pedestal control station that will temporarily silence the platform alarm or the pedestal alarm. The alarm will automatically sound after two minutes, when silenced, if the air is still low.



ALL OUT.

1.19 Climbing Aerial or Using as an Escapeway

Extend or retract the aerial slightly until the RUNG ALIGNMENT LIGHT is on, indicating that the rungs of the ladder are aligned, where one section overlaps another, making it easier to climb.

When climbing the tower or when escape procedure is in progress, the UPPER POWER switches in the platform and at the turntable pedestal should be turned off, so as not to accidentally move the tower in any way.

1.20 Rappelling

Sutphen Corporation does not approve rappelling from any portion of the aerial device as we cannot control the impact loading implied upon the aerial by the sudden decelerations associated with this procedure. The lifting eyes are tie-off points for static loads associated with rescue operations.

1.21 Loading Hose

When loading hose in the main hosebed, it is helpful to raise the boom slightly.



CAUTION

Survey the area for overhead obstructions before raising the aerial.



CAUTION

Never rotate the aerial off to the side of the vehicle during this operation unless the outriggers are fully deployed.

Before raising the aerial, set the rear jacks properly to provide stability to the truck and to transfer the force of bedding the boom to the ground. To raise the boom out of the bed, use the interlock override button on the top of the pedestal and at the hydraulic control panel.

1.22 Aerial Take-Down Procedures

Stowing the Aerial Device

1. Retract aerial fully by moving the appropriate lever in the direction indicated.



CAUTION

Before retracting the aerial, make sure that the nozzle and waterway drain are open to avoid compressing any water in the waterway. Allow waterway time to drain before retracting the tower. Failure to do so can result in serious damage to the waterway. Point both nozzles down to minimize the chance of being hit during travel.

2. Rotate the aerial to the left or right until it is properly aligned and the alignment light is lighted. The aerial is now in position to lower into the support cradle.
3. Lower the aerial until it reaches the cradle, making sure the alignment light is still on before actually entering the cradle. The throttle must be at idle when actually entering the cradle area.



WARNING

Bedding the aerial at any speed other than idle may damage the vehicle.

4. After the tower is lowered into the cradle, continue to hold the control lever in the lower position a few seconds, then release the lever to permit a pilot check valve in the hydraulic circuit to trip and lock at its preset pressure. This locks the tower in the cradle for travel. This procedure works the same at either the controls at the pedestal or in the platform.
5. Turn control power switches off and exit the platform or pedestal.
6. Remove the wheel chocks.

NOTE: Always remove the wheel chocks before releasing the stabilizers. Failure to do so could result in wedging the chocks tightly against the tires making them unremovable.

7. Remove safety pins in outriggers and replace them in their holders.



ALL OUT.

NOTE: The interlock system will not allow the oil to be transferred to the jack system until both of the safety pins have been removed.

8. Retract the stabilizers-
 - A. Move to the Ground Jack Controls panel.
 - B. Push the UPPER POWER switch off.
 - C. Transfer the hydraulic oil pressure to the jack system by pushing the switch off.
 - D. Retract the stabilizers by starting with the front jacks reversing the setup procedure, moving from front-rear-outriggers up - outriggers in.
 - E. Replace the auxiliary outrigger pads in their holders after retracting the outriggers.
 - F. Push the operator's step in and lock in place with the locking bar.
9. Enter the cab and disengage the fire pump if used.
 - A. Shift transmission to Neutral (N).
 - B. Wait until speedometer registers 0 miles per hour.
 - C. Move pump shift lever from PUMP position to ROAD position.
10. Disengage the PTO switch from ON to OFF position. Observe that the red pilot light goes out.
11. Release parking brake.
12. Place transmission in appropriate gear [Drive (D) 1-5 or Reverse (R)].



CAUTION

Before driving away, the operator should make a quick inspection trip around the truck to make sure all tools and appliances have been removed and stowed, compartment doors are closed, and that the vehicle is unobstructed.

Operator must also check the five warning lights on the in-cab dashboard marked UPPER POWER, JACKS OUT, JACKS DOWN, CAB DOOR OPEN, and COMPARTMENT DOOR OPEN making sure they are not lighted.



Operator Manual



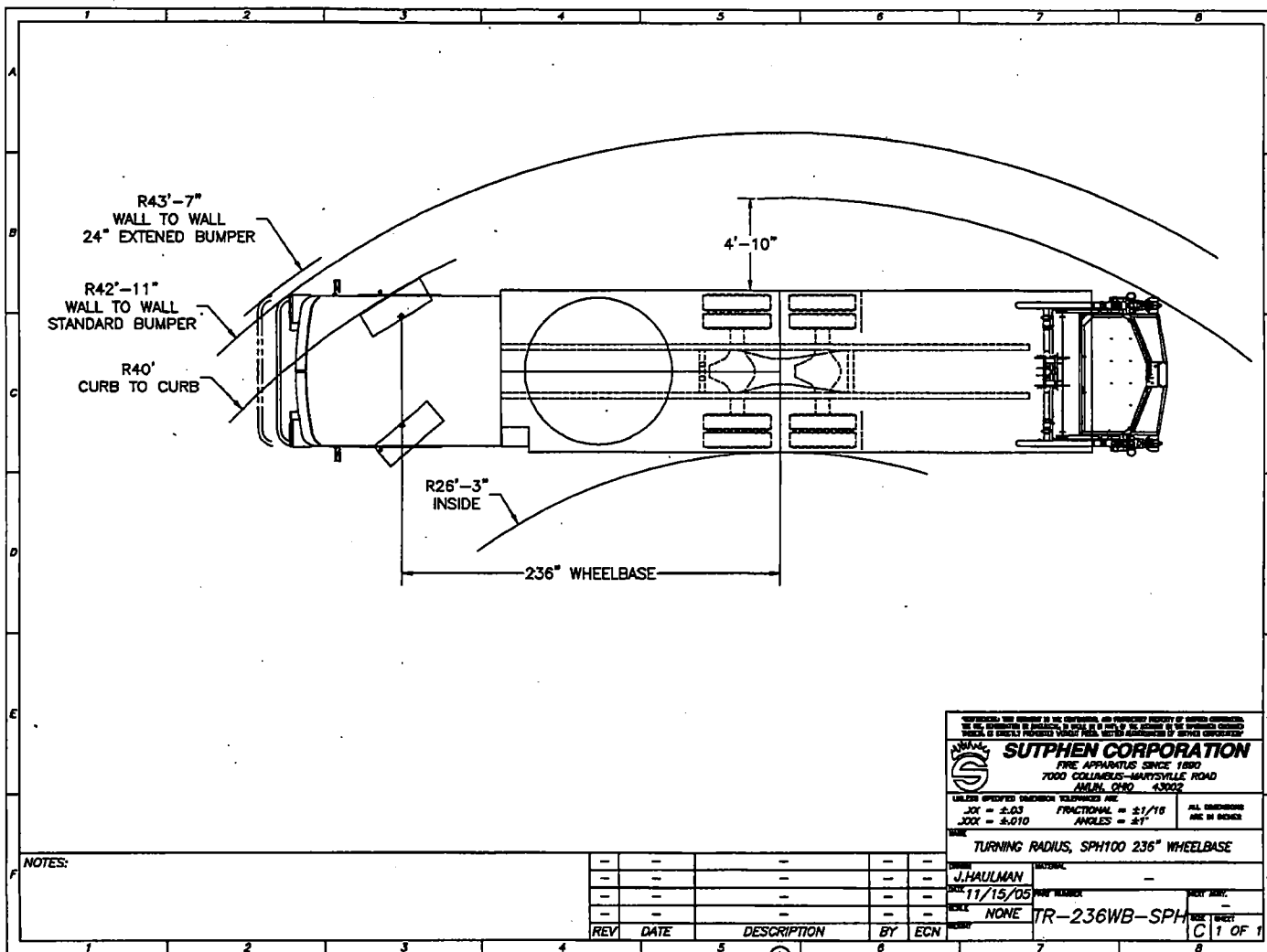
WARNING

All personnel must be seated and seat belts fastened before unit is moved.



WARNING

Never back the truck unless a guide has been placed at the rear of the truck, giving clear signals to the operator. If the guide disappears from view, the movement must be stopped until the guide reappears.

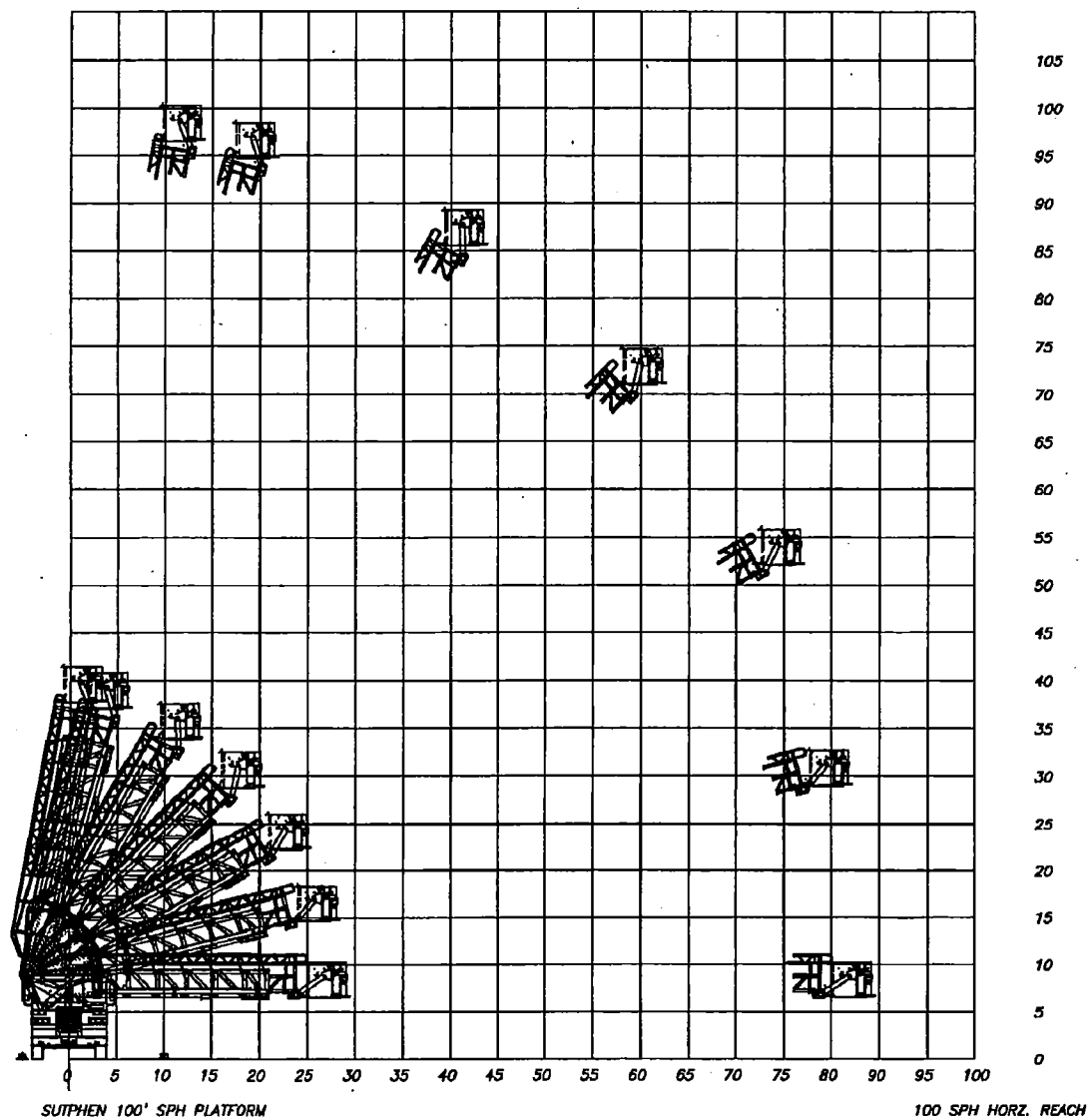


ALL DIM.



Model SPH 100 Aerial Platforms Operator and Maintenance Manual

Operator Manual





ALL OUT.

Chapter 2 Maintenance Manual

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ALL OUT.

2.1 Aerial Maintenance

Outrigger Beams

Ride on plastic guides - No lubrication required.

Main Lift Cylinders

Composite bushings - No lubrication required.

NOTE: There are four setscrews used as locking pins to secure the rod eye to the ram cylinder. These setscrews should be checked and re-tightened at this time.

Pivot Shaft Bearings

Located on the top of the upper assembly side plates are two pivot shaft bearings, one on each side, which rotate on the pivot shaft. The pivot shaft is attached permanently to the turntable side plates on the outside of the side plates. There are grease fittings installed on the pivot shaft bearings. These bearings should be lubricated with a good grade multipurpose grease every 10 hours of operation, or annually, whichever occurs first.

Turntable Bearing

This bearing and drive gear assembly is located directly under the turntable. The entire turntable and tower assembly rotates on this bearing. This bearing is pre-lubricated at the factory with a multipurpose grease. Grease fittings are provided on the top of the bearing accessible through the turntable openings, one each side of the turntable. Lubrication should be done two times per year. Use multipurpose grease.

NOTE: At this time, we recommend that all the bolts attaching the turntable to the bearing, and all the bolts attaching the bearing to the turntable base should be checked for tightness. They should be checked at 250 ft lb of torque.



DANGER

The person operating the turntable for bolt alignment must make sure that all persons and tools are free and clear before rotating.

The drive pinion gear and the turntable bearing gear have been lubricated with a special permanent elastic lubricant designed to last the life of the unit.

Rotation Worm Gear Reducer

This is the device that rotates the turntable and tower assembly. It is attached to the turntable below the boom.

It is driven by a hydraulic motor directly attached to the high-speed worm gear shaft. No lubrication is required for the hydraulic motor. On the main gear case, there are three plugs located on the left-hand outboard side. The top plug is the oil fill vent plug, the one on the side is the fill level plug, and the bottom one is the drain plug.

Under normal tower operation conditions, the lubricating oil in this gear reducer should be changed three months after the delivery date of the tower. After that, lubricating oil should be changed every 36 months (average 4 hours per day operation). Never overfill the unit. Check oil level every 3 months. Use a good grade of 90-weight gear lubricating oil. At the upper portion of the main gear case, there is a grease fitting. This fitting should be greased every 25 hours of operation or annually with a good grade of EP bearing grease.

There are three plugs on the primary high-speed gear housing. The one on top (1/4") is the filler-breather plug. The one on the side (1/4") is the lubricant-level plug, the one in the bottom of the high-speed gear housing (1/4") is the drain plug.

Maintain oil level to oil level plug. Check oil level every 3 months. Use a good grade of 90-weight gear lubricating oil.

On the high-speed worm gear shaft, there is one grease fitting located on the bearing end cap. This fitting should be greased twice a year with a good grade of EP bearing grease. Do not overgrease this bearing!



ALL 001.

Aerial Extension/Retraction Cylinders

Located on each side of the first tower section is a cylinder which extends and retracts the tower assembly. There is only one point on the cylinder which requires lubrication; this being at the rod end eye mounting pin. A grease fitting is provided on the rod eye of the cylinder and should be lubricated two times per year. Use multipurpose grease. At each end of the cylinder there are bolts attaching the cylinder pin to the tower. These bolts should be checked every three months for tightness.

Sheaves and Cables

There are sheaves and cables which are part of the tower extension/retraction system from the second section on up. Each sheave has a poly bearing and requires periodic lubrication. In the sheave bearing pin, there is a grease fitting provided. Each sheave should be greased after every 10 hours of service or annually. We recommend the use of a high-grade chassis grease designed for heavy-duty service.

When servicing the sheaves, the tower should be extended horizontally to maximum position, and the cables wiped free of any dirt and/or grime with a slightly moist naptha cloth and then lubricated with a thin film of oil. We find that oil on a cloth permits this to be done easily and adequately.

Cable Adjustment

Please see page 2-13.



DANGER

Stabilizers must be set before performing this operation.



DANGER

If any strand of the cable is fractured or damaged, immediately lower the aerial and retract slowly. Remove from service until repaired.

Slide Blocks

These are the devices attached to the ends of the tower at both the upper and lower position on each section. They support each section of the tower, so no metal-to-metal contact can occur.

 Maintenance Manual

The material is UHMW polymer compound and is designed to withstand heavy loading. Lubrication is required in the path in which the slide blocks travel on each section.

Slide block paths have been coated with a dry lubrication, McLube 1708L, prior to the aerial being assembled.

The slide block paths should be coated with the McLube 1708L every 25 hours or more often when aerial is starting to vibrate or shimmy. You then should reapply on the boom sections where the McLube has worn. It is only necessary to reapply when McLube is missing or worn off on the load bearing area.

Before application of McLube 1708L, make sure the product is stirred well; the active ingredients will settle upon standing. Safety glasses and gloves are also recommended to avoid eye and skin contact.

This product can be purchased from:

McLube Division of McGee Industries
9 Crozerville Road, P. O. Box 2425
Aston, PA 19014-0425
Phone: 800-262-0425
e-mail: bob@mclube.com

There are exceptions to this schedule that should be considered. Should the tower be operated at a fire and exposed to excessive dirt and grime, we recommend that the slide block travel paths be cleaned and the tower be coated. Do not overcoat. A medium film of McLube in the path of the slide block travel is adequate.

Do not clean your aerial using any cleaning agents or solvents that can cause chemical degradation to plastic slide blocks or other parts made from the same UHMW material.



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Cleaning agents or solvents containing the following chemicals should not be used: chlorine, benzene, toluene or any compound with a Ph over 10 (i.e., sodium hydroxide).

Use of agents containing the above chemical will void your warranty due to the fact that it may cause surface cracking of the UHMW plastic material.

Cable Track

The cable track should be inspected, maintained and cleaned after each use.

Waterway and Seals

This is the telescopic tube device inside the tower that carries the water to the tower nozzle. It has seals which ride on the internal honed and hard-coated surface of the tubes. These seals are made with an impregnated lubricant and should be adequately self-lubricated and cleaned by the water that passes through the waterway. However, it will prolong the life of your waterway if it is wiped off periodically with a rag saturated with Dextron III.

The outside of the tubes are provided with nylon bearing collar assemblies built in the mounting collar of each section. The outside of the tubes should be kept wiped free of dirt and grime to protect the bearings. Should the aerial be used under extremely dirty conditions, the waterway should be wiped off before retracting to keep dirt from entering the bearings. The ladder is best accessed with it fully extended and lowered over one of the outriggers.

Consistent cleaning of the tower travel paths is the best and most inexpensive maintenance you can perform to keep the tower in perfect operation condition.



DANGER

Never extend or move the tower in any way while persons are on the tower.

NOTE: The hydraulic oil tank is located behind the outriggers control panel.

Hydraulic Oil Tank

Located behind the jack control panel, this tank has a capacity of 65 gallons. It has a special filter screen installed in the top of the tank and is where the oil level is checked. The oil level can be seen in the sight glass on the side of the tank. The hydraulic oil furnished in the tank is ATF DEXRON III.



CAUTION

When checking or adding oil, make sure all hydraulic systems are at rest (retracted). Failure to do so will result in overfilling the system.

Hydraulic Oil Filter

The hydraulic oil filter is located in the top of hydraulic tank. The oil should be changed after the first three months of service and changed annually thereafter.



CAUTION

This filter is a special Parker 10-micron filter and must be replaced with the same brand and model to maintain the hydraulic system warranty. Failure to do so could result in damage to the hydraulic system or poor operation of the tower.

1. Change filters and oil
2. Run the hydraulic system for 1 to 2 minutes to circulate oil through the system.
3. Check the oil level with dipstick on top of the tank and add oil to the proper level, if required.

Fuel Tank

The fuel tank is located behind rear axle. It has a capacity of 65 gallons. The filler for the tank is located on the left-rear fender panel. A nameplate marked Diesel Fuel Only is attached near the filler for proper identification. Use #2 diesel fuel under normal conditions.



ALL OUT.

2.2. Maintenance of Structure

Aluminum Tower Structure

The tower structure members are #6061-T6 aluminum alloy extrusion. This alloy is very resistant to corrosion and requires very little maintenance. Periodic washing with clear water only is recommended. Use mineral spirits for removal of tar, oil, and smoke film. If a brighter appearance is desired, use any quality automotive polish, a mag and aluminum wheel cleaner, or a Scotchbrite pad.

NOTE: Sutphen recommends that once a week the ladder should be raised to full elevation, full extension, then rotated completely 360 degrees in both directions.

Attachment of Support Structure to Truck Frame

There are twelve Huck bolts - retorque not required.

Any indication of loosening or bolt failure should be reported to Sutphen Corporation for evaluation and disposition.

NOTE: Sutphen recommends that once a week the ladder should be raised to full elevation, full extension, then rotated completely 360 degrees in both directions.

2.3 Sutphen-Recommended Torque Schedule for Various Fasteners

See drawing for location of various fasteners.

Section A - Side plate pivot shaft bearings. Bolts used are 1/2" standard thread with Stover lock nuts. Torque to 55 to 60 ft/lb.

Section B - Pivot shaft end caps. Bolts used are 7/16" Grade 8 in tapped holes in pivot shaft with lockwashers. Torque to 35 to 40 ft/lb. End cap to side plate bolts are 7/16" Grade 8 with Stover lock nuts. Torque to 35 to 40 ft/lb.

Section C - Waterway support brace between side plates of boom. Bolts used are 3/4" standard thread in tapped hole on end of brace assembly. Torque to 150 to 200 ft/lb.

Section D - Pin through lift cylinder rod eye each side with securing ear. Bolts used are 1/2" standard thread with Stover lock nuts. Torque to 40 to 50 ft/lb.

Section E - Winsmith speed reducer for rotation. Bolts used are 5/8" standard thread with torque washers and Stover lock nuts on Winsmith. Torque to 175 to 185 ft/lb. Base plate bolts are 1/2" standard thread with washers. Torque to 75 to 85 ft/lb.

Section F - Turntable bolts, top and bottom. Top bolts secure the turntable to the bearing assembly. The bottom bolts secure the turntable bearing to the turntable main frame assembly. Bolts used are 3/4-10. Torque to 225 to 250 ft/lb.

Section G - Curved crossplate between boom side plates. Bolts used are 3/8" grade 8 standard thread with lockwashers and nuts. Torque to 25 to 30 ft/lb.

Section H - Brace between boom side plates. Bolts are 3/4-10 with L-9 washer. Torque 150 to 200 ft/lb.

Section I - Pin through base of lift cylinder each side with securing ear. Bolts used are 1/2" standard thread with Stover nuts. Torque to 40 to 50 ft/lb.



ALL OUT.

Section J - Turntable main frame assembly secured to chassis frame rails. Bolts used are 16mm Grade 8 Huck bolts and do not require torquing.

Section K - Ground jack hydraulic cylinders attached to jack outrigger plates. Bolts used are 1" standard thread with Stover lock nuts. Torque to 550 to 600 ft/lb.

Section L - Pin through base of extend/retract cylinder each side with securing ear. Bolts used are 3/8" grade 8 standard thread with Stover lock nuts. Torque to 15 to 20 ft/lb.

Section M - Cross supports attached to boom assembly to support extend/retract cylinders on side of boom. Bolts used are 3/8" grade 8 standard thread with Stover lock nuts. Torque to 30 to 36 ft./lb. Section M also includes other brackets that hold sheaves and cable end brackets to each boom section. Bolts used are 3/8" standard thread with Stover lock nuts. Torque to 30 to 36 ft/lb.

Section N - Yoke side plates are attached to the fly section of the boom each side. Bolts used are 3/8" standard thread with Stover lock nuts. Torque to 25 to 30 ft/lb.

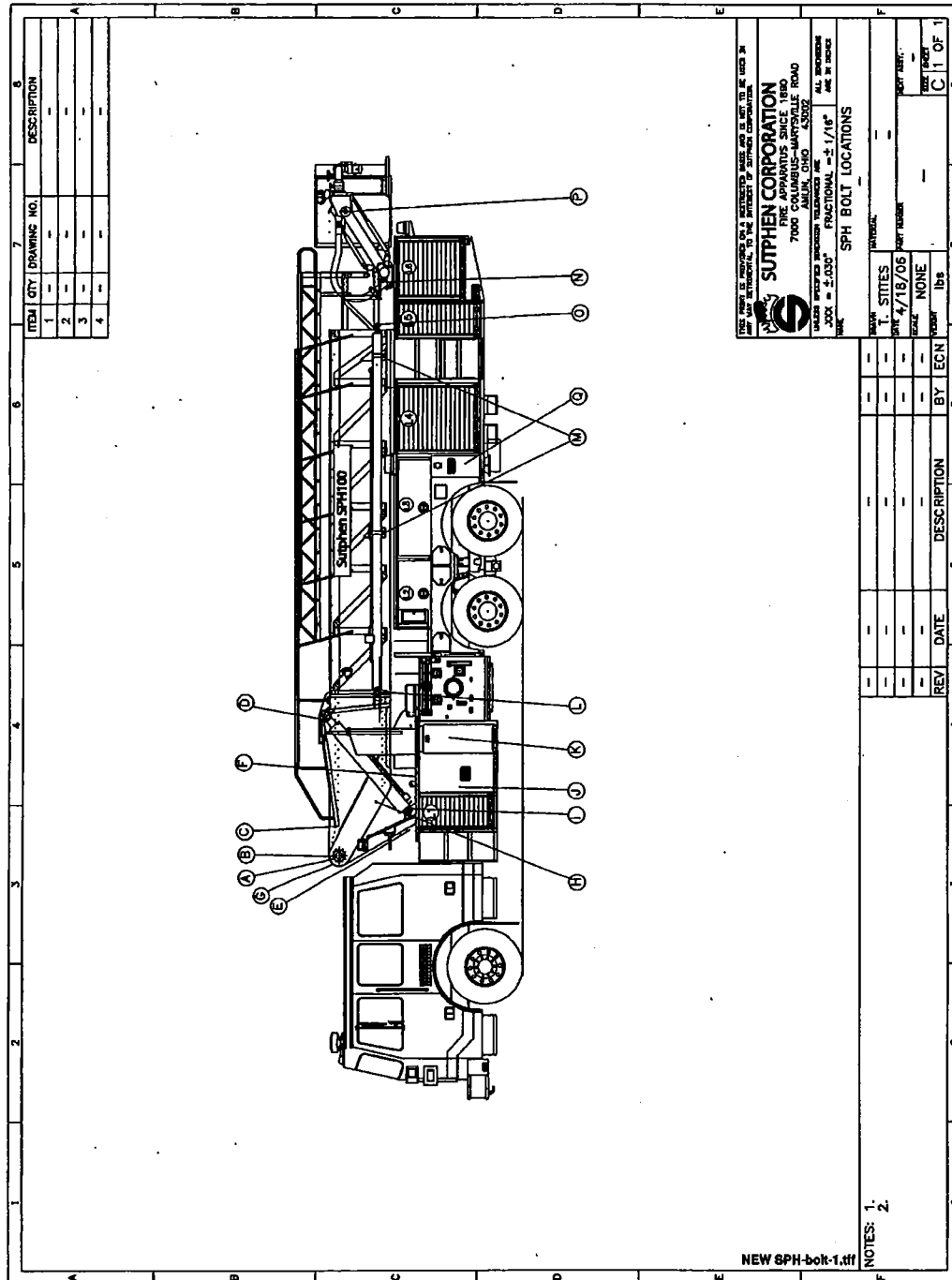
Section O - Bolt through rod eye of extend/retract cylinder each side. Bolts used are 3/4" standard thread with Stover lock nuts. Torque to 140 to 160 ft/lb.

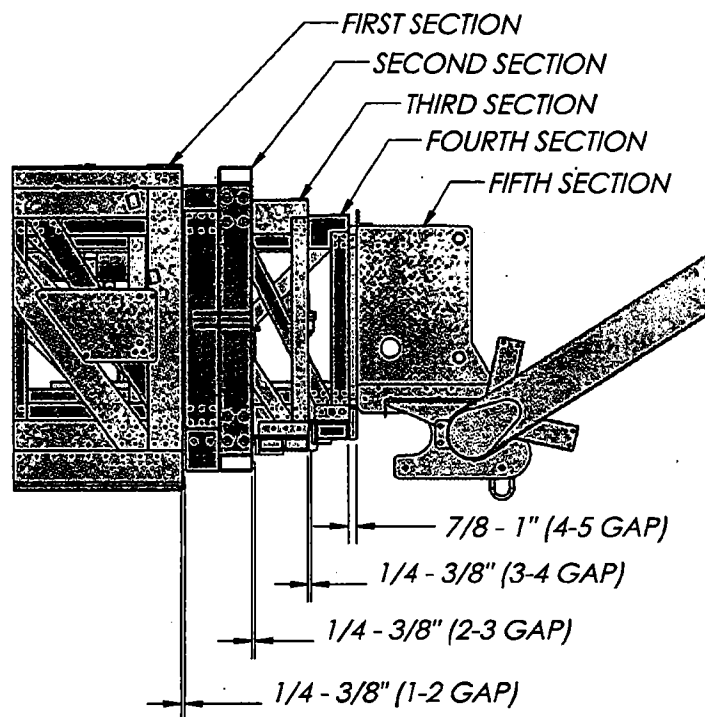
Section P - Bolts that secure platform to yoke assembly. These are 3/4" standard thread special hardened bolts secured with Stover lock nuts. These do not require a full torque rate, as they are locked in place by the pivot bearing attached to the platform. Torque to 50 to 60 ft/lb.

Section Q - Rear jack cylinder U-bolt nuts, snug. Do not overtighten.

Model SPH 100 Aerial Platform Operator and Maintenance Manual

Maintenance Manual





CABLE ADJUSTMENT PROCEDURE: SPH 100

OBJECTIVE: TO SET PROPER TENSION IN EXTEND/RETRACT CABLES BY ADJUSTING SECTION TO SECTION GAPS. ONLY THE "DROOP" IN THE CABLES SHOULD BE TAKEN OUT WHEN ADJUSTING THEM. DO NOT OVER-TIGHTEN THE ADJUSTMENT BOLTS.

- STEP 1:** EXTEND BOOM FULLY IN THE HORIZONTAL POSITION. EXTEND CABLES WILL BE TIGHT. RETRACT CABLES SHOULD BE LOOSE. MEASURE THE EXTENDED DISTANCE FROM THE 2ND SECTION TO THE 3RD SECTION. IT SHOULD BE APPROXIMATELY 179.25 INCHES. SUBTRACT 179.25 FROM THE ACTUAL DISTANCE MEASURED. THAT DIFFERENCE IS THE AMOUNT OF ADJUSTMENT NEEDED AT THE CABLE BOLT. FOR EXAMPLE: IF THE DIFFERENCE IS .50 INCHES, THEN THE ADJUSTING NUT ON THE CABLE MUST BE TURNED 5 TURNS IN STEP 2. (THE CABLE BOLT HAS 10 THREADS PER INCH, SO EACH TURN OF THE NUT WILL PROVIDE .10 INCH OF ADJUSTMENT).
- STEP 2:** RETRACT THE BOOM 1-2 INCHES AS MEASURED AT THE EXTEND/RETRACT CYLINDERS. LOOSEN THE JAM NUTS ON THE EXTEND CABLES FROM SECTION 1 TO 3 AND ADJUST THE ADJUSTMENT NUTS BY THE NUMBER OF TURNS DETERMINED IN STEP 1.
- STEP 3:** RETRACT BOOM SEVERAL FEET AND THEN FULLY EXTEND. RECHECK EXTENSION OF SECTION 3. IT SHOULD BE 179.25 TO 179.375 INCHES.
- STEP 4:** ADJUST RETRACT CABLES FROM SECTION 1 TO 3 TO REMOVE "DROOP". DO NOT OVER-TIGHTEN.
- STEP 5:** REPEAT STEPS 1 THRU 4 FOR THE 4TH SECTION MAKING ADJUSTMENTS TO THE CABLES CONNECTING SECTIONS 2 AND 4.
- STEP 6:** REPEAT STEPS 1 THRU 4 FOR THE 5TH SECTION MAKING ADJUSTMENTS TO THE CABLES CONNECTING SECTION 3 AND 5.

AT-C-6403 REV A.0 8/28/07

SPH 100 AERIAL
CABLE ADJUSTMENT PROCEDURE
EXTEND/RETRACT CYLINDER STROKE: 179"

ALL OUT.



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[Home](#) | [Apparatus/Equipment List](#) | [Request Maintenance](#) | [Pending](#) | [Reports](#) | [Bulk Complete](#)
[Support](#) | [Help](#) | [Log Out](#)

Apparatus	
Apparatus ID	L151
Vehicle #	3140/G12SFE
Manufacturer	Stuphen
Model	Aerial
Year of Manufacture	2009
Location	

[Add New Entry](#)

Maintenance Record					
Completed	Title	Type	Done By	Notes	
7/20/2012	Marker lights		Merle's Automotive Supply	Special Order, Inv # 05583297	Edit Delete
5/30/2012	Coolant		NAPA Auto Parts	Coolant Inv # 35185	Edit Delete
5/25/2012	Coolant leak		ASAP Truck, RV & Equipment Repair	Removed coolant filter and installed new filter Inv # 2811	Edit Delete
4/26/2012	Insurance adjustment			Insurance adjustment	Edit Delete
4/25/2012	Bodywork, parts, paint, labor		Arizona Byways	Bodywork, parts, paint, labor Inv # 15226	Edit Delete
4/4/2012	Blown O-ring seal on main hydraulic manifold	Repair	United Fire	On Tuesday, a seal blew on a main hydraulic block on the ladder. This caused a small leak. The truck was immediately taken OOS. UFE was called and arrived at 0730 Thursday April 4th. Joe repaired the item by placing a new seal. The old seal was found to be torn. Engineer Miller will be ordering more of the seals in case this happens in the future. Pictures are attached to Email documentation. J. Moore	Edit Delete
4/4/2012	Misc Truck Parts		United Fire	Misc Truck parts Inv # 474417	Edit Delete
2/28/2012	Bodywork, parts, paint, labor		Arizona Byways Inc.	When the job is done remaining balance of 7636.61 will be paid. Inv # 15226	Edit Delete
2/10/2012	Coolant Sensor		Sutphen	Low Coolant Sensor Inv # 14175440	Edit Delete
2/3/2012	Misc Hardware		GV True Value	Cable Inv # 58291	Edit Delete
1/30/2012	Misc		Merle's Automotive	Bolt Inv # 05555627	Edit Delete
12/31/2011	4 Tires		Tire Center	Qty 4. 11R22.5(H) MI XZE2 Inv # 8270077739	Edit Delete
10/24/2011	Air operation drain		Sutphen Corp.	3/4 air operation drain Inv # 12173169	Edit Delete
8/30/2011	Aerial Inspection		Diversified Inspections	Inv # 203876 DITT	Edit Delete
8/22/2011	Credit		Sutphen	Credit memo dated 8/22/11	Edit Delete
8/19/2011	Pump Test		United Fire	pump inspection and test Inv # 458158	Edit Delete
6/16/2011	Misc parts		NAPA Auto	Toggle Switch Inv # 133853	Edit Delete
5/19/2011	Replaced air solenoid piston		ASAP Truck	Replace solenoid on the pump transmission. Inv # 2406	Edit Delete
12/15/2010	Transfer Gear Rebuild		United Fire	Transfer gear rebuild, for details refer to invoice 439617	Edit Delete
11/23/2010	Misc Parts		Merle's Automotive	Lamp Inv 05589745	Edit Delete
9/27/2010	Pump Test		United Fire	Filters, Pump test. Inv # 433978	Edit Delete
9/23/2010	Safety Inspection		Diversified Inspection	Safety Inspection Inv # 192758-DITT	Edit Delete
8/10/2010	Misc hardware		Ace Hardware	screws Inv # 475219	Edit Delete
8/6/2010	Misc parts		Merle's Auto	Exchange caps Inv # 05573313	Edit Delete
8/6/2010	bypass cap		Merle's Automotive	bypass cap Inv # 05573311	Edit Delete
5/25/2010	Brake Inspection		Wear Mobile Truck & Equipment Repair	Brake Inspection Inv # 1871	Edit Delete
5/1/2010	Misc hardware		Green Valley ACE Hardware	Dual thread aerator Inv # 435566	Edit Delete
4/29/2010	Fasteners		Ace Hardware	Fasteners Inv # 434646	Edit Delete
3/24/2010	replace fuel tank plug		United Fire	Replaced fuel tank plug Inv # 418269	Edit Delete
2/22/2010	Fender Washers		Copper State Bolt & Nut Co.	Fender Washers (American Express 022010)	Edit Delete
1/31/2010	misc		Green Valley True Value	drill bit Inv # 43447	Edit Delete
1/30/2010	misc		Green Valley True Value	Blade, bits Inv # 43442	Edit Delete
1/2/2010	misc		Green Valley True Value	Poly Fuen Brushes Inv # 42801	Edit Delete
12/17/2009	Electrical Cord		GV True Value	Inv # 42498	Edit Delete
11/30/2009	pin		Merle's Automotive	pin Inv# 055335654	Edit Delete
11/30/2009	Plate holder		Merle's Automotive	Plate holder Inv # 055335655	Edit Delete
11/11/2009	Fuse holder & connector		Merle's Automotive	Fuse holder & connector Inv # 05533121	Edit Delete
10/12/2009	EZ Out Set Specialized		United Fire	EZ out set Inv # 410074	Edit Delete
10/5/2009	Remote master stream nozzle repair		Elkhart Brass	Inlet body, harness, shaft, electric motor Inv # 501682	Edit Delete
8/6/2009	Window Tint		Dwight's Auto Glass	Window Tint Inv # 16237	Edit Delete



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Chapter 2 Maintenance Manual

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2.1 Aerial Maintenance

Outrigger Beams

Ride on plastic guides - No lubrication required.

Main Lift Cylinders

Composite bushings - No lubrication required.

NOTE: There are four setscrews used as locking pins to secure the rod eye to the ram cylinder. These setscrews should be checked and re-tightened at this time.

Pivot Shaft Bearings

Located on the top of the upper assembly side plates are two pivot shaft bearings, one on each side, which rotate on the pivot shaft. The pivot shaft is attached permanently to the turntable side plates on the outside of the side plates. There are grease fittings installed on the pivot shaft bearings. These bearings should be lubricated with a good grade multipurpose grease every 10 hours of operation, or annually, whichever occurs first.

Turntable Bearing

This bearing and drive gear assembly is located directly under the turntable. The entire turntable and tower assembly rotates on this bearing. This bearing is pre-lubricated at the factory with a multipurpose grease. Grease fittings are provided on the top of the bearing accessible through the turntable openings, one each side of the turntable. Lubrication should be done two times per year. Use multipurpose grease.

NOTE: At this time, we recommend that all the bolts attaching the turntable to the bearing, and all the bolts attaching the bearing to the turntable base should be checked for tightness. They should be checked at 250 ft lb of torque.



DANGER

The person operating the turntable for bolt alignment must make sure that all persons and tools are free and clear before rotating.

The drive pinion gear and the turntable bearing gear have been lubricated with a special permanent elastic lubricant designed to last the life of the unit.

Rotation Worm Gear Reducer

This is the device that rotates the turntable and tower assembly. It is attached to the turntable below the boom.

It is driven by a hydraulic motor directly attached to the high-speed worm gear shaft. No lubrication is required for the hydraulic motor. On the main gear case, there are three plugs located on the left-hand outboard side. The top plug is the oil fill vent plug, the one on the side is the fill level plug, and the bottom one is the drain plug.

Under normal tower operation conditions, the lubricating oil in this gear reducer should be changed three months after the delivery date of the tower. After that, lubricating oil should be changed every 36 months (average 4 hours per day operation). Never overfill the unit. Check oil level every 3 months. Use a good grade of 90-weight gear lubricating oil. At the upper portion of the main gear case, there is a grease fitting. This fitting should be greased every 25 hours of operation or annually with a good grade of EP bearing grease.

There are three plugs on the primary high-speed gear housing. The one on top (1/4") is the filler-breather plug. The one on the side (1/4") is the lubricant-level plug, the one in the bottom of the high-speed gear housing (1/4") is the drain plug.

Maintain oil level to oil level plug. Check oil level every 3 months. Use a good grade of 90-weight gear lubricating oil.

On the high-speed worm gear shaft, there is one grease fitting located on the bearing end cap. This fitting should be greased twice a year with a good grade of EP bearing grease. Do not overgrease this bearing!



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Aerial Extension/Retraction Cylinders

Located on each side of the first tower section is a cylinder which extends and retracts the tower assembly. There is only one point on the cylinder which requires lubrication; this being at the rod end eye mounting pin. A grease fitting is provided on the rod eye of the cylinder and should be lubricated two times per year. Use multipurpose grease. At each end of the cylinder there are bolts attaching the cylinder pin to the tower. These bolts should be checked every three months for tightness.

Sheaves and Cables

There are sheaves and cables which are part of the tower extension/retraction system from the second section on up. Each sheave has a poly bearing and requires periodic lubrication. In the sheave bearing pin, there is a grease fitting provided. Each sheave should be greased after every 10 hours of service or annually. We recommend the use of a high-grade chassis grease designed for heavy-duty service.

When servicing the sheaves, the tower should be extended horizontally to maximum position, and the cables wiped free of any dirt and/or grime with a slightly moist naphtha cloth and then lubricated with a thin film of oil. We find that oil on a cloth permits this to be done easily and adequately.



DANGER

Stabilizers must be set before performing this operation.



DANGER

If any strand of the cable is fractured or damaged, immediately lower the aerial and retract slowly. Remove from service until repaired.

Slide Blocks

These are the devices attached to the ends of the tower at both the upper and lower position on each section. They support each section of the tower, so no metal-to-metal contact can occur.

The material is UHMW polymer compound and is designed to withstand heavy loading. Lubrication is required in the path in which the slide blocks travel on each section.

Slide block paths have been coated with a dry lubrication, McLube 1708L, prior to the aerial being assembled.

The slide block paths should be coated with the McLube 1708L every 25 hours or more often when aerial is starting to vibrate or shimmy. You then should reapply on the boom sections where the McLube has worn. It is only necessary to reapply when McLube is missing or worn off on the load bearing area.

Before application of McLube 1708L, make sure the product is stirred well; the active ingredients will settle upon standing. Safety glasses and gloves are also recommended to avoid eye and skin contact.

This product can be purchased from:

McLube Division of McGee Industries
9 Crozerville Road, P. O. Box 2425
Aston, PA 19014-0425
Phone: 800-262-0425
e-mail: bob@mclube.com

There are exceptions to this schedule that should be considered. Should the tower be operated at a fire and exposed to excessive dirt and grime, we recommend that the slide block travel paths be cleaned and the tower be coated. Do not overcoat. A medium film of McLube in the path of the slide block travel is adequate.

Do not clean your aerial using any cleaning agents or solvents that can cause chemical degradation to plastic slide blocks or other parts made from the same UHMW material.



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Cleaning agents or solvents containing the following chemicals should not be used: chlorine, benzene, toluene or any compound with a Ph over 10 (i.e., sodium hydroxide).

Use of agents containing the above chemical will void your warranty due to the fact that it may cause surface cracking of the UHMW plastic material.

Waterway and Seals

This is the telescopic tube device inside the tower that carries the water to the tower nozzle. It has seals which ride on the internal honed and hard-coated surface of the tubes. These seals are made with an impregnated lubricant and should be adequately self-lubricated and cleaned by the water that passes through the waterway. However, it will prolong the life of your waterway if it is wiped off periodically with a rag saturated with Dextron III.

The outside of the tubes are provided with nylon bearing collar assemblies built in the mounting collar of each section. The outside of the tubes should be kept wiped free of dirt and grime to protect the bearings. Should the aerial be used under extremely dirty conditions, the waterway should be wiped off before retracting to keep dirt from entering the bearings. The ladder is best accessed with it fully extended and lowered over one of the outriggers.

Consistent cleaning of the tower travel paths is the best and most inexpensive maintenance you can perform to keep the tower in perfect operation condition.



DANGER

Never extend or move the tower in any way while persons are on the tower.

NOTE: The hydraulic oil tank is located behind the outriggers control panel.

Hydraulic Oil Tank

Located behind the jack control panel, this tank has a capacity of 65 gallons. It has a special filter screen installed in the top of the tank and is where the oil level is checked. The oil level can be seen in the sight glass on the side of the tank. The hydraulic oil furnished in the tank is ATF DEXRON III.



CAUTION

When checking or adding oil, make sure all hydraulic systems are at rest (retracted). Failure to do so will result in overfilling the system.

Hydraulic Oil Filter

The hydraulic oil filter is located in the top of hydraulic tank. The oil should be changed after the first three months of service and changed annually thereafter.



CAUTION

This filter is a special Parker 10-micron filter and must be replaced with the same brand and model to maintain the hydraulic system warranty. Failure to do so could result in damage to the hydraulic system or poor operation of the tower.

1. Change filters and oil
2. Run the hydraulic system for 1 to 2 minutes to circulate oil through the system.
3. Check the oil level with dipstick on top of the tank and add oil to the proper level, if required.

Fuel Tank

The fuel tank is located behind rear axle. It has a capacity of 65 gallons. The filler for the tank is located on the left-rear fender panel. A nameplate marked Diesel Fuel Only is attached near the filler for proper identification. Use #2 diesel fuel under normal conditions.



ALL OUT.

2.2 Maintenance of Structure

Aluminum Tower Structure

The tower structure members are #6061-T6 aluminum alloy extrusion. This alloy is very resistant to corrosion and requires very little maintenance. Periodic washing with clear water only is recommended. Use mineral spirits for removal of tar, oil, and smoke film. If a brighter appearance is desired, use any quality automotive polish, a mag and aluminum wheel cleaner, or a Scotchbrite pad.

NOTE: Sutphen recommends that once a week the ladder should be raised to full elevation, full extension, then rotated completely 360 degrees in both directions.

Attachment of Support Structure to Truck Frame

There are twelve Huck bolts - retorque not required.

Any indication of loosening or bolt failure should be reported to Sutphen Corporation for evaluation and disposition.

NOTE: Sutphen recommends that once a week the ladder should be raised to full elevation, full extension, then rotated completely 360 degrees in both directions.

2.3 Sutphen-Recommended Torque Schedule for Various Fasteners

See drawing for location of various fasteners.

Section A - Side plate pivot shaft bearings. Bolts used are 1/2" standard thread with Stover lock nuts. Torque to 55 to 60 ft/lb.

Section B - Pivot shaft end caps. Bolts used are 7/16" Grade 8 in tapped holes in pivot shaft with lockwashers. Torque to 35 to 40 ft/lb. End cap to side plate bolts are 7/16" Grade 8 with Stover lock nuts. Torque to 35 to 40 ft/lb.

Section C - Waterway support brace between side plates of boom. Bolts used are 3/4" standard thread in tapped hole on end of brace assembly. Torque to 150 to 200 ft/lb.

Section D - Pin through lift cylinder rod eye each side with securing ear. Bolts used are 1/2" standard thread with Stover lock nuts. Torque to 40 to 50 ft/lb.

Section E - Winsmith speed reducer for rotation. Bolts used are 5/8" standard thread with torque washers and Stover lock nuts on Winsmith. Torque to 175 to 185 ft/lb. Base plate bolts are 1/2" standard thread with washers. Torque to 75 to 85 ft/lb.

Section F - Turntable bolts, top and bottom. Top bolts secure the turntable to the bearing assembly. The bottom bolts secure the turntable bearing to the turntable main frame assembly. Bolts used are 3/4-10. Torque to 225 to 250 ft/lb.

Section G - Curved crossplate between boom side plates. Bolts used are 3/8" grade 8 standard thread with lockwashers and nuts. Torque to 25 to 30 ft lbs.

Section H - Brace between boom side plates. Bolts are 3/4-10 with L-9 washer. Torque 150 to 200 ft/lb.

Section I - Pin through base of lift cylinder each side with securing ear. Bolts used are 1/2" standard thread with Stover nuts. Torque to 40 to 50 ft lbs.



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Section J - Turntable main frame assembly secured to chassis frame rails. Bolts used are 16mm Grade 8 Huck bolts and do not require torquing.

Section K - Ground jack hydraulic cylinders attached to jack outrigger plates. Bolts used are 1" standard thread with Stover lock nuts. Torque to 550 to 600 ft/lb.

Section L - Pin through base of extend/retract cylinder each side with securing ear. Bolts used are 3/8" grade 8 standard thread with Stover lock nuts. Torque to 15 to 20 ft/lb.

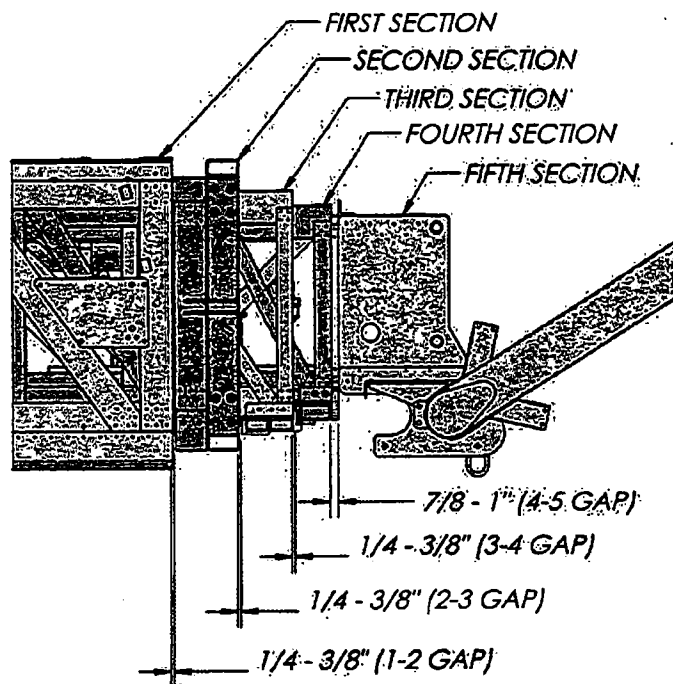
Section M - Cross supports attached to boom assembly to support extend/retract cylinders on side of boom. Bolts used are 3/8" grade 8 standard thread with Stover lock nuts. Torque to 30 to 36 ft./lb. Section M also includes other brackets that hold sheaves and cable end brackets to each boom section. Bolts used are 3/8" standard thread with Stover lock nuts. Torque to 30 to 36 ft/lb.

Section N - Yoke side plates are attached to the fly section of the boom each side. Bolts used are 3/8" standard thread with Stover lock nuts. Torque to 25 to 30 ft/lb.

Section O - Bolt through rod eye of extend/retract cylinder each side. Bolts used are 3/4" standard thread with Stover lock nuts. Torque to 140 to 160 ft/lb.

Section P - Bolts that secure platform to yoke assembly. These are 3/4" standard thread special hardened bolts secured with Stover lock nuts. These do not require a full torque rate, as they are locked in place by the pivot bearing attached to the platform. Torque to 50 to 60 ft/lb.

Section Q - Rear jack cylinder U-bolt nuts, snug. Do not overtighten.



CABLE ADJUSTMENT PROCEDURE: SPH 100

OBJECTIVE: TO SET PROPER TENSION IN EXTEND/RETRACT CABLES BY ADJUSTING SECTION TO SECTION GAPS. ONLY THE "DROOP" IN THE CABLES SHOULD BE TAKEN OUT WHEN ADJUSTING THEM. DO NOT OVER-TIGHTEN THE ADJUSTMENT BOLTS.

- STEP 1:** EXTEND BOOM FULLY IN THE HORIZONTAL POSITION. EXTEND CABLES WILL BE TIGHT. RETRACT CABLES SHOULD BE LOOSE. MEASURE THE EXTENDED DISTANCE FROM THE 2ND SECTION TO THE 3RD SECTION. IT SHOULD BE APPROXIMATELY 179.25 INCHES. SUBTRACT 179.25 FROM THE ACTUAL DISTANCE MEASURED. THAT DIFFERENCE IS THE AMOUNT OF ADJUSTMENT NEEDED AT THE CABLE BOLT. FOR EXAMPLE: IF THE DIFFERENCE IS .50 INCHES, THEN THE ADJUSTING NUT ON THE CABLE MUST BE TURNED 5 TURNS IN STEP 2. (THE CABLE BOLT HAS 10 THREADS PER INCH, SO EACH TURN OF THE NUT WILL PROVIDE .10 INCH OF ADJUSTMENT).
- STEP 2:** RETRACT THE BOOM 1-2 INCHES AS MEASURED AT THE EXTEND/RETRACT CYLINDERS. LOOSEN THE JAM NUTS ON THE EXTEND CABLES FROM SECTION 1 TO 3 AND ADJUST THE ADJUSTMENT NUTS BY THE NUMBER OF TURNS DETERMINED IN STEP 1.
- STEP 3:** RETRACT BOOM SEVERAL FEET AND THEN FULLY EXTEND. RECHECK EXTENSION OF SECTION 3. IT SHOULD BE 179.25 TO 179.375 INCHES.
- STEP 4:** ADJUST RETRACT CABLES FROM SECTION 1 TO 3 TO REMOVE "DROOP". DO NOT OVER-TIGHTEN.
- STEP 5:** REPEAT STEPS 1 THRU 4 FOR THE 4TH SECTION MAKING ADJUSTMENTS TO THE CABLES CONNECTING SECTIONS 2 AND 4.
- STEP 6:** REPEAT STEPS 1 THRU 4 FOR THE 5TH SECTION MAKING ADJUSTMENTS TO THE CABLES CONNECTING SECTION 3 AND 5.

AT-C-6403 REV A.0 8/28/07

SPH 100 AERIAL
CABLE ADJUSTMENT PROCEDURE
EXTEND/RETRACT CYLINDER STROKE: 179"



OPERATOR AND MAINTENANCE MANUAL DELIVERY **DOCUMENT**

Dear FIRE CHIEF OR TRAINING OFFICER,

This date, 24 JULY 09, Sutphen Corporation delivered to
(Date)
GREEN VALLEY AZ 2 Operator/Service Manual(s) for
(Fire Department) (No. Rec'd)

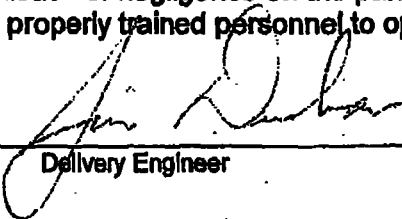
Service and operation of SPH 100 HS 4596.

1. Sutphen recommends the manual be thoroughly read and studied before trying to operate this apparatus.
2. Sutphen further recommends that this manual be readily available to persons operating and/or servicing this equipment.
3. Sutphen also recommends that no operator drive or work on Sutphen apparatus without being trained by Training Officer or person(s) attending the Demonstration of Operation.
4. We recommend that users of the apparatus view the video/cd with the training officer prior to use of the vehicle.
5. We recommend that the driver be certified or be CDL licensed before driving the apparatus.

Included with these manuals: Video(s) as indicated below

SUTPHEN DEMO & HYD & ELEC ROM
CLASS 1 HALE MERITOR

We recommend the above as we want to eliminate any potential injury resulting from the misuse or negligence on the part of the operator. This is why it is so important to have properly trained personnel to operate the Sutphen apparatus.



Delivery Engineer



Fire Chief or Training Officer

GVFD
EXH 2



GREEN VALLEY FIRE DISTRICT

Purchase Order 09-50005

1285 W. Camino Encanto
Green Valley, AZ 85622
(520) 625-8400 fax (520) 625-7122

Purchase Order

Vendor

Name Sutphen, Inc.
Address _____
City _____ State _____ ZIP _____
Terms As agreed

PO Date 07/30/08
Good To 9/30/2009

Qty	Description	Unit Price	TOTAL
2	Sutphen Custom Pumps	\$334,058.40	\$668,116.80
1	Sutphen Custom Aerial Platform Vehicle	\$942,216.00	\$942,216.00
SubTotal			\$1,610,332.80
TOTAL			\$1,610,332.80

Payment Details

Customer to pick up

Approved

Office Use Only



FAMILY OWNED
SINCE 1890

Note: If The Green Valley Fire District decides to purchase the Truck and both Engines and have them built by Sutphen, The Sutphen Corporation would be pleased to offer a concession of \$25,000 off of the total lump sum of three (3) apparatus.

Respectfully,

Scott Herb

Western Sales Manager

Sutphen Corporation

Cell (614)506-2988

Sutphen Corporation
7000 Columbus-Marvsville Road Amlin, OH 43002
Tel 614 889-1005 Toll Free 800 848-5860 Fax 614 889-0874
Web www.sutphen.com Email info@sutphen.com



SUTPHEN

FAMILY OWNED
SINCE 1890

October 1, 2009

Re: Sutphen Contract for
Sutphen Aerial Platform

Dear Customer,

We are excited to announce that Sutphen Towers and Sutphen Corporation have merged Service & Parts into one division. We know this merger will benefit all of our customers. We ask that during this time you are patient with us as we begin this endeavor.

The following letter is applicable to Sutphen aerial units. Because our unit is a specialized piece of apparatus and requires special technical abilities, tools and background, we believe it would be advantageous to our customer and Sutphen to have a Company representative visit your department regarding service and maintenance for your aerial platform(s).

This consists of:

- Inspection of chassis and components (excluding the air brake system)
- Inspection of the fire pump, valves and accessories
- Inspection of the hydraulic system, pressure and operation
- Complete inspection of the ladder, components and lubrication
- Check torque settings of aerial base and all main fasteners

We propose, for the sum of \$1200.00 per year, to have our Company representative make one visit to your department annually. Any parts needed and not under warranty, along with any additional time, beyond eight (8) hours, would be billed extra to you. This \$1200.00 will take care of our representative's lodging, meals, mileage and transportation expenses. If you have multiple units, the first unit is \$1200.00 and each additional unit is \$100.00/hour.

We believe this is a very reasonable cost and would be beneficial to you and Sutphen. If you would like to take advantage of this service, please sign the agreement attached and return it to us. Due to scheduling and logistics we need this back within the next sixty (60) days. Realizing that fiscal years vary, we can work with billing to accommodate your department. Please feel free to note restrictions you encounter in the comments section. Due to budget/fiscal years with some departments/municipalities, we may have an outstanding letter open from 2009. Due to our computer set up, we prefer no advance payments. Also, we are unable to guarantee a specific time of year for this service to be completed; most will be scheduled and completed the last half of 2010. However, we will try to meet everyone's requests.

Also, changes are inevitable, so we are asking if you would take a moment to complete the form included herewith to assist us in updating our files. Then, return same at your earliest convenience.

If you should have any questions regarding the Service Contract, please contact Sutphen Service at 1-866-287-5549. Thank you for your cooperation; it is appreciated.

Very truly yours,
SUTPHEN CORPORATION

Drew Sutphen, President

Service Department
Sutphen Corporation

1653 W. County Line Rd., P.O. Box 1845, Springfield, Ohio 45501
Tel: 937-969-8851, Toll Free: 866-287-5549, Fax: 937-969-8869
Web: www.sutphen.com, E-Mail: Sutphen@sutphencorp.com

GREEN VALLEY FIRE DISTRICT

Green Valley, Arizona

Vehicle Acceptance Check List

Vehicle Description: 2009 Sutphen Aerial Shop # 3140
Planned Vehicle Location: _____ VIN # 159A8JLE891003140

This checklist should be used for any vehicle purchased by the Green Valley Fire District. The list needs to remain on a clipboard in the vehicle through Step 10 and then forwarded to the finance department for review and filing.

Initial & Date

1. AB 8-12 New Vehicle inspected and check list initiated (Fleet Battalion/Operations Chief)
2. BL 7/28 Vehicle Identification Number (VIN#) called to Accounting Specialist (AS) by Fleet BC
3. BL 7/28 Accounting Specialist notifies Office Assistant to make new vehicle file and assign Shop #
4. BL 7/28 ~~Secure Odometer Disclosure form completed and Acceptance papers signed by OPS Chief and forwarded to Office Assistant~~ Odometer Disclosure Statement to MVD
5. BL 7/28 Insurance company notified and provided with VIN# to obtain insurance card and add to District policy by Accounting Specialist
6. BL 7/28 Fleet BC to Motor Vehicle Division with vehicle for licensing. Paperwork needed includes Invoice, Proof of Insurance, Secure Odometer Disclosure, Manufacturer's Certificate of Origin (MCO), Temporary Title and Registration. License plate must be a government plate starting with the letter G.
7. BL 7/28 Fleet BC provides copies of all paperwork to Office Assistant for fleet file under Shop #
8. BL 7/28 Chief Davis Fleet BC (or his/her designee) puts license plates on vehicle
9. AB 8-12 Copy of full set of keys (including tool boxes, ignition, gas, etc) made for new vehicle and given to Office Assistant for back up
10. BL 7/28 Original title to Admin Chief for safety deposit box. Copies of Insurance and Registration given to Office Assistant for fleet file and also to Fleet BC to place in the vehicle

Signatures Needed upon Completion:

Phil Babb
Operations Chief
Fleet

8-12-09
Date

Katie Sayre
Administrative Division Chief

8/20/09
Date

INSURANCE IDENTIFICATION CARD
STATE **Arizona**

COMPANY NUMBER

COMPANY

American Alternative Ins Corp

VEHICLE NUMBER

EFFECTIVE DATE
07/01/12

EXPIRATION DATE
07/01/13

YEAR
2009

MAKE/MODEL
Sutphen Pumper

VEHICLE IDENTIFICATION NUMBER
189A3JLE891

AGENCY/COMPANY ISSUING CARD

THE MAHONEY GROUP

Draw A. Newton ARM, CIC, CPCU
520-795-8511

INSURED

Green Valley Fire District
Chief Simon Davis
1285 W. Camino Encanto
Green Valley, AZ 85622

OP ID 1A

**THIS CARD MUST BE KEPT IN THE INSURED
VEHICLE AND PRESENTED UPON DEMAND**

**IN CASE OF ACCIDENT: Report all accidents
to your Agent/Company as soon as possible.
Obtain the following information:**

- 1. Name and address of each driver,
passenger and witness.**
- 2. Name of Insurance Company and policy
number for each vehicle involved.**

INSURANCE IDENTIFICATION CARD
STATE **Arizona**

COMPANY NUMBER
19720

COMPANY
American Alternative Ins Corp

POLICY NUMBER

EXPIRATION DATE
07/01/11

EXPIRATION DATE
07/01/12

YEAR
2009

MAKE/MODEL
Sutphen Pumper

VEHICLE IDENTIFICATION NUMBER
189A3JLE891

AGENCY/COMPANY ISSUING CARD

THE MAHONEY GROUP

Drew A. Newton ARM, CIC, CPCU

520-795-8511

INSURED

**Green Valley Fire District
Chief Simon Davis
1285 W. Camino Encanto
Green Valley, AZ 85614**

OP ID. 1A

**THIS CARD MUST BE KEPT IN THE INSURED
VEHICLE AND PRESENTED UPON DEMAND**

**IN CASE OF ACCIDENT: Report all accidents
to your Agent/Company as soon as possible.
Obtain the following information:**

- 1. Name and address of each driver,
passenger and witness.**
- 2. Name of Insurance Company and policy
number for each vehicle involved.**

COVERAGE MEETS MINIMUM LIABILITY INSURANCE PRESCRIBED BY LAW

ADOPTED 80.764 (2/85)



EVIDENCE OF PROPERTY INSURANCE

OP ID: 1A

DATE (MM/DD/YYYY)
08/05/2012

THIS EVIDENCE OF PROPERTY INSURANCE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE ADDITIONAL INTEREST NAMED BELOW. THIS EVIDENCE OF PROPERTY INSURANCE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

AGENCY THE MAHONEY GROUP - TUCSON 5330 N. La Cholla Blvd Tucson, AZ 85741-3815 Drew A. Newton ARM, CIC, CPCU		PHONE TUC No. 520-795-8511		COMPANY American Alternative Ins Corp	
FAX TUC No. 520-795-8542		E-MAIL ADDRESS		COPY	
CODE		SUB CODE			
AGENCY CUSTOMER ID# GREFI-1					
INSURED Green Valley Fire District Admin Chief, Katie Sayre 1285 W. Camino Encanto Green Valley, AZ 85622				LOAN NUMBER	
				POLICY NUMBER VFSTR2085427	
EFFECTIVE DATE 07/01/12		EXPIRATION DATE 07/01/13		CONTINUED UNTIL TERMINATED IF CHECKED	
THIS REPLACES PRIOR EVIDENCE DATED:					

PROPERTY INFORMATION

LOCATION/DESCRIPTION 250 N La Canada Green Valley, AZ 85614
THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS EVIDENCE OF PROPERTY INSURANCE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

COVERAGE INFORMATION

COVERAGE / PERILS / FORMS	AMOUNT OF INSURANCE	DEDUCTIBLE
250 N La Canada BLDG - GRC No Coinsurance	2170719	500.00
898 N Campbell BLDG - GRC No Coinsurance	1845162	500.00
Vehicles are Agreed Value		
2008 Nissan 6N1AA08D08	28000	500.00
2008 Ford 1FTRX12W28F	23000	500.00
2008 Ford 1FTRX12W08F	23000	500.00
2008 Ford 3FAHP06Z86F	17000	500.00
2008 Ford 1FTR14D028F	17000	500.00
2008 Stephen 1S9A1HLD79	336000	500.00
2008 Stephen 1S9A1HLD49	336000	500.00
2008 Stephen 1S9A3LE89	874000	500.00

REMARKS (Including Special Conditions)

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CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL _____ DAYS WRITTEN NOTICE TO THE ADDITIONAL INTEREST NAMED BELOW, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

ADDITIONAL INTEREST

NAME AND ADDRESS The Bank of New York Mellon Trust Company NA 1225 W Washington St #128 Tempe, AZ 85281	MORTGAGEE	☒	ADDITIONAL INSURED
	LOSS PAYEE	☐	
	LOAN#		
	AUTHORIZED REPRESENTATIVE <i>Drew A. Newton</i>		

ACORD 27 (2008/07)

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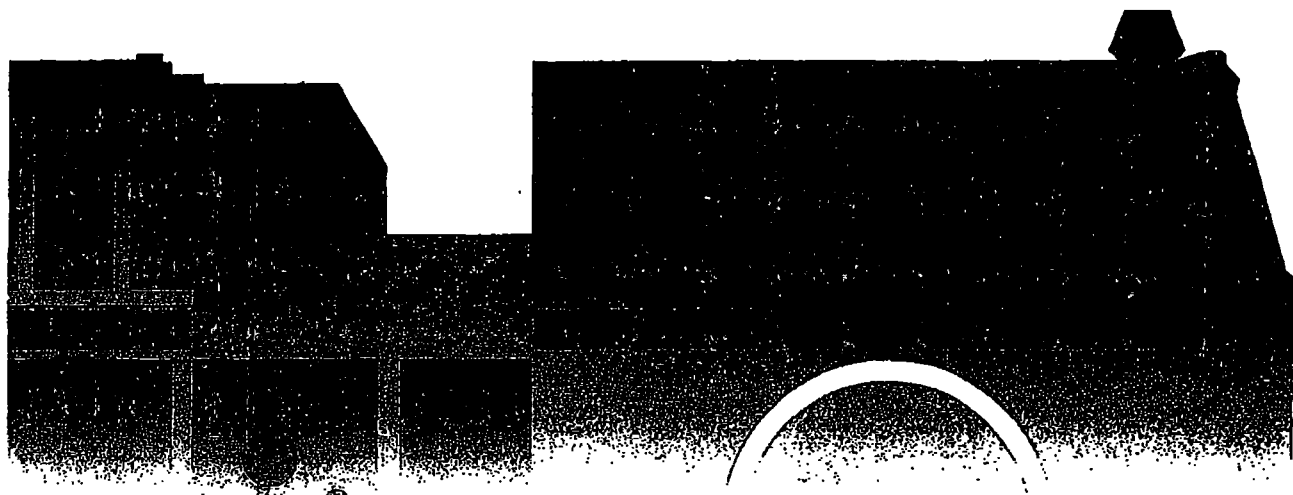
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**GVFD
EXH.
6.0**

Cummins Warranty

United States and Canada
Fire Apparatus/Crash Trucks



Coverage

Products Warranted

This warranty applies to new diesel Engines sold by Cummins and delivered to the first user on or after August 1, 2001, that are used in fire apparatus truck and crash truck* applications in the United States** or Canada.

Base Engine Warranty

The Base Engine Warranty covers any failures of the Engine which result, under normal use and service, from a defect in material or factory workmanship (Warrantable Failure). This coverage begins with the sale of the engine by Cummins and ends five years or 100,000 miles (160,935 kilometers), whichever occurs first, after the date of delivery of the Engine to the first user.

Engine aftertreatment components included in the Cummins Critical Parts List (CPL) and marked with a Cummins part number are covered under Base Engine Warranty.

Additional coverage is outlined in the Emission Warranty section.

These warranties are made to all Owners in the chain of distribution and Coverage continues to all subsequent Owners until the end of the periods of Coverage.

Cummins Responsibilities

Cummins will pay for all parts and labor needed to repair the damage to the Engine resulting from a Warrantable Failure.

Cummins will pay for the lubricating oil, antifreeze, filter elements, belts, hoses and other maintenance items that are not reusable due to the Warrantable Failure.

Cummins will pay for reasonable labor costs for Engine removal and reinstallation when necessary to repair a Warrantable Failure.

Cummins will pay reasonable costs for towing a vehicle disabled by a Warrantable Failure to the nearest authorized repair location. In lieu of the towing expense, Cummins will pay reasonable costs for mechanics to travel to and from the location of the vehicle, including meals, mileage, and lodging when the repair is performed at the site of the failure.

Owner Responsibilities

Owner is responsible for the operation and maintenance of the Engine as specified in Cummins Operation and Maintenance Manuals. Owner is also responsible for providing proof that all recommended maintenance has been performed.

Before the expiration of the applicable warranty, Owner must notify a Cummins distributor, authorized dealer or other repair location approved by Cummins of any Warrantable Failure and make the engine available for repair by such facility. Except for Engines disabled by a Warrantable Failure, Owner must also deliver the Engine to the repair facility. Locations in the United States and Canada are listed in the Cummins United States and Canada Sales and Service Directory.

Owner is responsible for the cost of lubricating oil, antifreeze, filter elements and other maintenance items provided during warranty repairs unless such items are not reusable due to the Warrantable Failure.

Owner is responsible for communication expenses, meals, lodging and similar costs incurred as a result of a Warrantable Failure.

Owner is responsible for non-Engine repairs and for "downtime" expenses, cargo damage, fines, all applicable taxes, all business costs and other losses resulting from a Warrantable Failure.

Owner is responsible for a \$100 (U.S. Dollars) deductible per each service visit under this plan in the 3rd, 4th, and 5th years of base engine warranty. The deductible will not be charged during the first 2 years of the base engine warranty.

Limitations

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the Engine. Cummins is also not responsible for failures caused by incorrect oil, fuel or catalytic reagent or by water, dirt or other contaminants in the fuel, oil or catalytic reagent.

This warranty does not apply to accessories supplied by Cummins which bear the name of another company. Such non-warranted accessories include, but

are not limited to: alternators, starters, fans, air conditioning compressors, clutches, filters, transmissions, torque converters, vacuum pumps, power steering pumps, fan drives and air compressors. Cummins branded alternators and starters are covered for the first two years from the date of delivery of the Engine to the first user, or the expiration of the Base Engine Warranty, whichever occurs first.

Failures resulting in excessive oil consumption are not covered beyond the duration of the coverage or 100,000 miles (160,935 kilometers) or 7,000 hours from the date of delivery of the Engine to the first user, whichever of the three occurs first. Before a claim for excessive oil consumption will be considered, Owner must submit adequate documentation to show that consumption exceeds Cummins published standards.

Failures of belts and hoses supplied by Cummins are not covered beyond the first year from the date of delivery of the Engine to the first user or the duration of the warranty, whichever occurs first.

Parts used to repair a Warrantable Failure may be new Cummins parts, Cummins approved rebuilt parts, or repaired parts. Cummins is not responsible for failures resulting from the use of parts not approved by Cummins.

A new Cummins or Cummins approved rebuilt part used to repair a Warrantable Failure assumes the identity of the part it replaced and is entitled to the remaining coverage hereunder.

Cummins Inc. reserves the right to interrogate Electronic Control Module (ECM) data for purposes of failure analysis.

CUMMINS DOES NOT COVER WEAR OR WEAROUT OF COVERED PARTS.

CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

THIS WARRANTY AND THE EMISSION WARRANTY SET FORTH HEREINAFTER ARE THE SOLE WARRANTIES MADE BY CUMMINS IN REGARD TO THESE ENGINES. CUMMINS MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Emission Warranty

Products Warranted

This emission warranty applies to new Engines marketed by Cummins that are used in the United States** in vehicles designed for transporting persons or property on a street or highway. This warranty applies to Engines delivered to the first user on or after September 1, 1992.

Coverage

Cummins warrants to the first user and each subsequent purchaser that the Engine is designed, built and equipped so as to conform at the time of sale by Cummins with all U.S. Federal emission regulations applicable at the time of manufacture and that it is free from defects in material or factory workmanship which would cause it not to meet these regulations within the longer of the following periods: (A) Five years or 100,000 miles (160,935 kilometers) of operation, whichever occurs first, as measured from the date of delivery of the Engine to the first user or (B) The Base Engine Warranty.

If the vehicle in which the Engine is installed is registered in the state of California, a separate California Emission Warranty also applies.

Limitations

Failures, other than those resulting from defects in material or factory workmanship, are not covered by this Warranty.

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the Engine. Cummins is also not responsible for failures caused by incorrect oil, fuel or catalytic reagent or by water, dirt or other contaminants in the fuel, oil or catalytic reagent.

Cummins is not responsible for non-Engine repairs, "downtime" expenses, cargo damage, fines, all applicable taxes, all business costs or other losses resulting from a Warrantable Failure.

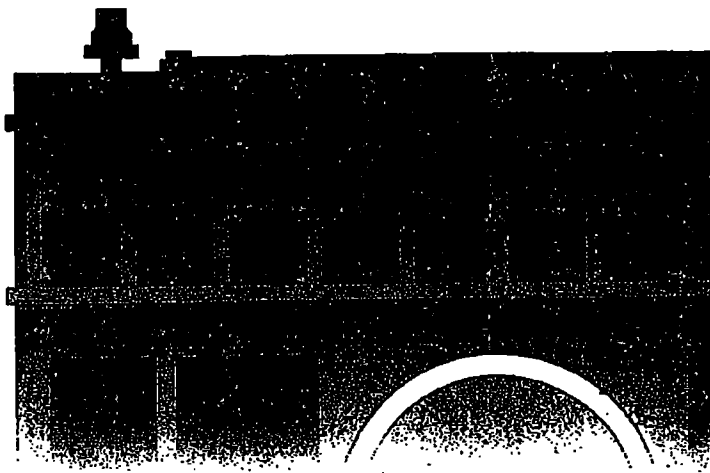
CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

* Airport operated crash trucks and fire department operated trucks employed to respond to fires,



hazardous material releases, rescue and other
emergency-type situations.

** United States Includes American Samoa, the
Commonwealth of Northern Mariana Islands, Guam,
Puerto Rico, and the U.S. Virgin Islands.



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Columbus, IN 47203-3005
U.S.A.

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SUTPHEN[®]

CORPORATION

STANDARD VEHICLE WARRANTY

SUTPHEN CORPORATION (Sutphen) warrants to the original purchaser of a Sutphen vehicle, that it will provide for repairs to the Sutphen vehicle during the warranty period, in accordance with the following items, conditions, limitations and exclusions.

1. ---What is covered except as otherwise stated below: Sutphen shall provide repair or replacement, at the sole option of Sutphen, of any part of a Sutphen vehicle in which a defect in materials or workmanship appears under normal use, maintenance or service.
2. ---Warranty period: This limited warranty is in effect for a period of twelve (12) months or 24,000 miles, whichever comes first. The warranty period will begin on the date the vehicle is delivered to the original purchaser. This limited warranty is void if the odometer has been disconnected, its reading has been altered, or true and accurate mileage cannot be otherwise determined by Sutphen.
3. ---Other warranties: The manufacturers of other equipment and components, installed on the vehicle, including but not limited to engine, transmission, axles, pumps and signaling devices and other installed equipment, may provide their own warranties. These warranties are separate from the Sutphen Limited Warranty and shall constitute the sole and exclusive warranty for those specific covered components. Sutphen shall have no duty or obligation to repair or replace such components. Please review each manufacturer's warranty for descriptions and details of their respective warranty.
4. ---Purchaser responsibilities: Normal maintenance such as those detailed in the Sutphen Operation and Maintenance Manuals are the responsibility of the purchaser. Failure to comply with such maintenance voids this limited warranty.
5. ---What is not covered: This limited warranty covers only repair or replacement of any part of a Sutphen vehicle in which a defect in materials or workmanship appears within the limited warranty period.
Examples of items not covered include, but are not limited to:
 - A. Major components or trade accessories such as purchased chassis, engines, signaling devices, batteries, tires, transmission or generator that have a separate warranty by the original manufacturer, or equipment used in fire fighting.
 - B. Unauthorized alteration or modification to the vehicle, including the body, chassis or components, after completion of the vehicle assembly by Sutphen and any problems that occur as a result of such alterations or modifications.
 - C. Damage caused by collision, fire, theft, freezing, vandalism, riot, explosion, acts of God, war or objects striking the vehicle or any damage covered by owner insurance.
 - D. Damage caused by misuse or improper operation of the vehicle such as driving over curbs, overloading, racing or off-road use.
 - E. Damage caused by failure to follow the requirements of the maintenance schedule, failure to maintain proper fluid and lubricant levels and failure to follow operating instructions.
 - F. Normal maintenance such as lubrication, filter replacement, fluid replacement, belts, hoses, clutch, brake linings, brake drums, or disc brake rotors and electric accessories, etc.
 - G. Batteries, tires, light bulbs.
 - H. Towing charges and storage expenses.
 - I. Incidental expenses such as loss of vehicle use, inconvenience, loss of time, vehicle rental, lodging or travel costs, vacation pay, etc.
 - J. Discharge and compound gauges from freezing.
 - K. Leaking seals on discharge and suction valves.
 - L. Damage caused from exposure to road de-icing compounds or use in an acidic environment.
 - M. Hydraulic failures caused by incorrect or contaminated oil.

continued

- N. This warranty terminates upon transfer of ownership of the vehicle from the original purchaser.
- O. Damage caused from not following cab and body washing and care procedures located on truck and in operation and maintenance manual.

6. ---Obtaining repairs:

- A. All limited warranty work must be authorized by Sutphen prior to repairs being attempted.
- B. To obtain limited Warranty Repairs the vehicle must be taken by customer to an Authorized Sutphen Service Center within the limited warranty period. To find the name and location of the nearest Authorized Sutphen Service Center in your area, call 1-800-728-7030 or 1-800-548-5860 or write Sutphen/Warranty Administration, 7000 Columbus-Marysville Rd., Amlin, OH 43002.
- C. Sutphen reserves the right to inspect the vehicle before repairs are made and Sutphen shall be deemed the sole judge as to whether there is a defect in materials or workmanship under normal use, maintenance or service.
- D. Any part or parts considered to be covered by the conditions of this warranty shall be returned, freight prepaid, to Sutphen, or to such other location as may be approved by the company. Replacement or repair of parts determined to be within the warranty shall be F.O.B. at Sutphen.
- E. In an emergency, where an Authorized Sutphen Service Center is not reasonably available, contact Sutphen Service Department for instructions. Repairs may be performed, at purchaser's risk, at any available service establishment chosen by purchaser. Purchaser must contact Sutphen Service Department the first business day after completion of repairs. Approved repair invoices must be received by Sutphen within sixty (60) days of repairs. Upon Sutphen's receipt of invoice, Sutphen will review the invoice for reimbursement to the purchaser. Any reimbursement will consist only of the reasonable and customary repair expenses normally covered under the Sutphen Limited Warranty. Sutphen will assume no liability and will not warrant the workmanship or components which are the subject of any reimbursement under this policy.

7. ---Warranty limitations:

- A. Nothing contained in this warranty shall make Sutphen liable beyond the express limitations hereof, for loss, injury or damage of any kind to any person or entity resulting from any defect or failure in the machine.
- B. To the extent permitted by law, this warranty is also in lieu of all other obligations or liabilities on the part of Sutphen or the Seller, including liability for incidental and consequential damages.
- C. Sutphen makes no representation that the machine has the capacity to perform any functions other than as contained in the company's written literature, catalogs or specifications accompanying delivery of the machine.
- D. No person or affiliated company representative is authorized to give any other warranties or to assume any other liability on behalf of Sutphen in connection with sale, service or repair of any apparatus manufactured by the company.
- E. Sutphen reserves the right to make design changes or improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.

THIS WARRANTY IS PROVIDED IN EXCLUSION OF ANY AND ALL OTHER REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED. NO PERSON IS AUTHORIZED TO MAKE ANY REPRESENTATIONS OR WARRANTIES ON BEHALF OF SUTPHEN CORPORATION OTHER THAN SET FORTH HEREIN. ANY MODIFICATION TO THIS WARRANTY MUST BE IN WRITING AND APPROVED BY THE PRESIDENT OF SUTPHEN CORPORATION. THE PROVISIONS OF THIS LIMITED WARRANTY SHALL CONSTITUTE THE SOLE AND EXCLUSIVE REMEDIES OF A SUTPHEN VEHICLE PURCHASER.

For more information contact:

Sutphen Corporation/Warranty Admin. • 7000 Columbus-Marysville Rd. • Amlin, OH 43002
(614) 888-1005 Toll Free (800) 728-7030 or (800) 548-5860



SUTPHEN®

CORPORATION

SEVEN (7) YEARS PAINT WARRANTY

SUTPHEN CORPORATION (Sutphen) warrants vehicle exterior paint finish of fire apparatus against peeling, cracking, and lack of adhesion, provided the vehicle is used in a normal and reasonable manner. This warranty is extended only to the original user/purchaser.

Sutphen's obligation under this warranty is strictly limited to repairing or replacing as the company may elect. The company reserves the right to require any such repairs to be made either at a company owned service facility or another approved service facility at the company's option. Transportation cost to and from the servicing location is the responsibility of the user/purchaser. Further, this warranty shall be void if the vehicle is involved in an accident, shows signs of abuse, or evidence of being operated in an improper manner.

Periodically check apparatus for chips and scratches in the paint and repair them with touch-up paint furnished upon delivery, or equal. Several times a year wash underneath the apparatus, especially during winter months. If power wash is used, use a fan spray only or it may damage the undercoating or paint. If damage of undercoating or paint occurs, prime, paint, and re-undercoat areas where bare metal is showing.

Take truck in yearly to Ziebart, for first ten (10) years, to have undercoat inspected by an Authorized Ziebart Dealer and they will do any touch-up of undercoating under truck for ten (10) years under Ziebart Warranty.

Sutphen's obligation under this warranty is subject to the conditions precedent (1) that the claimed failure shall have first appeared during the warranty period; (2) that the original purchaser shall have notified Sutphen in writing of the claimed failure within thirty (30) days after the claimed failure shall have first appeared, and (3) that, unless Sutphen directs otherwise, the claimed failed item or items shall have been returned to Sutphen, or to Sutphen designee, promptly after the notification, with transportation charges prepaid. Sutphen reserves the right to thoroughly examine the vehicle or parts thereof, prior to conducting or approving any repair or replacement, to determine whether the claimed failure is covered by this warranty. Sutphen's obligation under this warranty is strictly limited to repair or replacement as the company may elect. The warranty is pro-rated for a period of seven (7) years from the date of delivery, as follows: first year, one hundred percent; second year, seventy percent; third year, sixty percent; fourth year, forty-five percent; fifth year, thirty-five percent; sixth year, twenty-five percent; and seventh year, twenty percent.

This limited warranty covers only repair or replacement of any part of a Sutphen vehicle in which a defect in materials or workmanship appears within the limited warranty period. Examples of items not covered include, but are not limited to:

- A. ---Major components or trade accessories such as purchased chassis, engines, signaling devices, batteries, generators, tires or transmissions that have a separate warranty by the original manufacturer, or to equipment used in fire fighting.
- B. ---An unauthorized alteration or modification to the vehicle, including the body, chassis or components, after completion of the vehicle assembly by Sutphen and any problems that occur as a result of such alterations or modifications.
- C. ---Damage caused by collision, fire, theft, freezing, vandalism, riot, explosion, acts of God, war or objects striking the vehicle or any damage covered by owner insurance.
- D. ---Damage caused by misuse or improper operation of the vehicle such as driving over curbs, overloading, racing or off-road use.
- E. ---Damage caused by failure to follow the requirements of the maintenance schedule, failure to maintain proper fluid and lubricant levels and failure to follow operating instructions.
- F. ---Incidental expenses such as loss of vehicle use, inconvenience, loss of time, vehicle rental, loading or travel costs, vacation pay, etc.
- G. ---Gold leaf or striping and Scotchlite emblems or decals, except that which is affected by repair.
- H. ---Damage caused from exposure to road de-icing compounds or use in an acidic environment.

continued

- I. --- Damage caused from not following cab and body washing procedures on truck and in Operation and Maintenance manual.
- J. --- Defects if vehicle is damaged, dented, scratched or rusted from severe salt or road corrosive materials, or faded or discolored by exposure to heat or severe sun conditions or environmental conditions.
- K. --- This warranty shall not apply to non-exterior surface areas (i.e. compartment interiors, undercarriages).
- L. --- This warranty shall only apply to exterior coatings applied by Sutphen Corporation and specifically excludes all coating applications applied by other manufacturers including chassis and chassis compartments.
- M. --- This warranty shall exclude accessory vendor equipment that is painted to match the finished vehicle.
- N. --- This warranty shall exclude painted roll-up doors.
- O. --- Hazing, chalking or loss of gloss caused by improper care, abrasive polishes, cleaning agents, heavy duty pressure washing or aggressive mechanical wash system.
- P. --- Paint deterioration caused by abuse, accidents, acid rain, chemical fallout or acts of nature.
- Q. --- Accidents, scratches, chips, bruises and gloss reduction due to normal vehicle use and maintenance.

This warranty terminates upon transfer of possession or ownership of the vehicle from the original purchaser.

THIS WARRANTY IS PROVIDED IN EXCLUSION OF ANY AND ALL OTHER REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED. NO PERSON IS AUTHORIZED TO MAKE ANY REPRESENTATIONS OR WARRANTIES ON BEHALF OF SUTPHEN CORPORATION OTHER THAN SET FORTH HEREIN. ANY MODIFICATION TO THIS WARRANTY MUST BE IN WRITING AND APPROVED BY THE PRESIDENT OF SUTPHEN CORPORATION. THE PROVISIONS OF THIS LIMITED WARRANTY SHALL CONSTITUTE THE SOLE EXCLUSIVE REMEDIES OF A SUTPHEN VEHICLE PURCHASER.

For more information contact:

Sutphen Corporation/Warranty Admin. • 7000 Columbus-Marysville Rd. • Amlin, OH 43002
(614) 889-1005 Toll Free (800) 726-7030 or (800) 848-5860



SUTPHEN®

CORPORATION

LIFETIME FRAME WARRANTY

SUTPHEN CORPORATION (Sutphen) warrants to the original user/purchaser only of a Sutphen chassis, that the frame rails are free of defects in material and workmanship, ordinary wear and tear excepted, for the lifetime of the vehicle.

Sutphen's obligation under this warranty is strictly limited to repairing, as the company may elect, any part or parts of such frame rails which the company's examination discloses to be defective in material or workmanship. The company reserves the right to require any such repairs to be made either at a company owned service facility or another approved service facility at the company's option. Transportation cost to and from the servicing location are the responsibility of the user/purchaser.

Sutphen's obligation under this warranty is subject to the conditions precedent (1) that the claimed failure shall have first appeared during the warranty period; (2) that the original purchaser shall have notified Sutphen in writing of the claimed failure within thirty (30) days after the claimed failure shall have first appeared, and (3) that, unless Sutphen directs otherwise, the claimed failed item or items shall have been returned to Sutphen, or to Sutphen designee, promptly after the notifications, with transportation charges prepaid. Sutphen reserves the right to thoroughly examine the vehicle or parts thereof, prior to conducting or approving any repair or replacement, to determine whether the claimed failure is covered by this warranty. Sutphen's obligation under this warranty is strictly limited to repair or replacement as the company may elect.

This warranty shall be null and void if the frame shows any evidence of alterations, cutting, splicing, additional welding or drilling of rails or flanges without the written authorization of Sutphen. Further, this warranty shall be void if the vehicle is involved in an accident, shows signs of abuse, or evidence of being operated in an improper manner. The frame and under carriage shall be washed and painted, by the owner, where needed, semi-annually or as conditions require; if rust starts, it must be properly primed and painted or warranty shall be voided.

Periodically check apparatus for chips and scratches in the paint and repair them with touch-up paint furnished upon delivery, or equal. Several times a year wash underneath the apparatus, especially during winter months. If power wash is used, use a fan spray only or it may damage the undercoating or paint. If damage of undercoating or paint occurs, prime, paint, and re-undercoat areas where bare metal is showing.

Take truck in yearly to Ziebart, for first ten (10) years, to have undercoat inspected by an Authorized Ziebart Dealer and they will do any touch-up of undercoating under truck for ten (10) years under Ziebart Warranty.

This limited warranty covers only repair or replacement of any part of a Sutphen vehicle in which a defect in materials or workmanship appears within the limited warranty period. Examples of items not covered include, but are not limited to:

- A. ---Unauthorized alteration or modification to the vehicle, including the body, chassis or components, after completion of the vehicle assembly by Sutphen and any problems that occur as a result of such alterations or modifications.
- B. ---Damage caused by collision, fire, theft, freezing, vandalism, riot, explosion, acts of God, war or objects striking the vehicle or any damage covered by owner insurance.
- C. ---Damage caused by misuse or improper operation of the vehicle such as driving over curbs, overloading, racing or off-road use.
- D. ---Damage caused by failure to follow the requirements of the maintenance schedule.
- E. ---Towing charges and storage expenses.
- F. ---Incidental expenses such as loss of vehicle use, inconvenience, loss of time, vehicle rental, lodging or travel costs, vacation pay, etc.
- G. ---Damage caused from exposure to road de-icing compounds or use in an acidic environment.

continued

This warranty terminates upon transfer of possession or ownership of the vehicle from the original purchaser.

THIS WARRANTY IS PROVIDED IN EXCLUSION OF ANY AND ALL OTHER REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED. NO PERSON IS AUTHORIZED TO MAKE ANY REPRESENTATIONS OR WARRANTIES ON BEHALF OF SUTPHEN CORPORATION OTHER THAN SET FORTH HEREIN. ANY MODIFICATION TO THIS WARRANTY MUST BE IN WRITING AND APPROVED BY THE PRESIDENT OF SUTPHEN CORPORATION. THE PROVISIONS OF THIS LIMITED WARRANTY SHALL CONSTITUTE THE SOLE EXCLUSIVE REMEDIES OF A SUTPHEN VEHICLE PURCHASER.

For more information contact:

**Sutphen Corporation/Warranty Admin. • 7000 Columbus-Marysville Rd. • Amlin, OH 43002
(614) 889-1005 Toll Free (800) 736-7090 or (800) 848-5860**

April 1, 2001 Supersedes All Previous Warranties



SUTPHEN®

CORPORATION

TWO (2) YEARS MECHANICAL AERIAL PLATFORM AND AERIAL LADDER WARRANTY

SUTPHEN CORPORATION (Sutphen) warrants the original user/purchaser that the mechanical components of a new aerial platform or aerial ladder is, and will remain, free of corrosion perforation, structural defects or failure provided that the components are used in a normal and reasonable manner. Mechanical components are defined as the hardware and mechanical items used on an aerial device. Excluded are the structural cab and body, water tank, all electrical controls and components, and major components such as engine, transmission, axles, pump and turret which may be covered by available component vendor's extended coverage plans.

Sutphen's obligation under this warranty is subject to the conditions precedent (1) that the claimed failure shall have first appeared during the warranty period; (2) that the original purchaser shall have notified Sutphen in writing of the claimed failure within thirty (30) days after the claimed failure shall have first appeared, and (3) that, unless Sutphen directs otherwise, the claimed failed item or items shall have been returned to Sutphen, or to Sutphen designee, promptly after the notification, with transportation charges prepaid. Sutphen reserves the right to thoroughly examine the vehicle or parts thereof, prior to conducting or approving any repair or replacement, to determine whether the claimed failure is covered by this warranty. Sutphen's obligation under this warranty is strictly limited to repair or replacement as the company may elect.

The OWNER WARRANTY coverage will commence at the expiration of the standard new product warranty and shall extend for a period of two (2) years from the delivery date to the original user/purchaser. Further, this warranty shall be void if the vehicle is involved in an accident, shows signs of abuse, or evidence of being operated in an improper manner.

This limited warranty covers only repair or replacement of any part of a Sutphen vehicle in which a defect in materials or workmanship appears within the limited warranty period. Examples of items not covered include, but are not limited to:

- A. -- Major components or trade accessories such as purchased chassis, engines, signaling devices, batteries, generators, tires or transmissions that have a separate warranty by the original manufacturer, or to equipment used in fire fighting.
- B. -- Unauthorized alteration or modification to the vehicle, including the body, chassis or components, after completion of the vehicle assembly by Sutphen and any problems that occur as a result of such alterations or modifications.
- C. -- Damage caused by collision, fire, theft, freezing, vandalism, riot, explosion, acts of God, war or objects striking the vehicle or any damage covered by owner insurance.
- D. -- Damage caused by misuse or improper operation of the vehicle such as driving over curbs, overloading, racing or off-road use.
- E. -- Damage caused by failure to follow the requirements of the maintenance schedule, failure to maintain proper fluid and lubricant levels and failure to follow operating instructions.
- F. -- Normal maintenance such as lubrication, filter replacement, fluid replacement, belts, hoses, clutch and brake linings, brake drums, disc brake rotors, electric accessories, etc.
- G. -- Batteries, tires, light bulbs or flashers.
- H. -- Towing charges and storage expenses.
- I. -- Incidental expenses such as loss of vehicle use, inconvenience, loss of time, vehicle rental, lodging or travel costs, vacation pay, etc.
- J. -- Damage to discharge and compound gauges from freezing.
- K. -- Leaking seals on discharge and suction valves.
- L. -- Damage caused from exposure to road de-icing compounds or use in an acidic environment.
- M. -- Hydraulic failures caused by incorrect or contaminated oil.
- N. -- Hydraulic cylinder seal after one (1) year service.
- O. -- Electric reels, air reels, electric controls and components.

continued

If proper maintenance has not been performed and documented on Sutphen Aerial Inspection forms and sent to Sutphen at time of check, all coverage is void.

This warranty terminates upon transfer of possession or ownership of the vehicle from the original purchaser.

THIS WARRANTY IS PROVIDED IN EXCLUSION OF ANY AND ALL OTHER REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED, NO PERSON IS AUTHORIZED TO MAKE ANY REPRESENTATIONS OR WARRANTIES ON BEHALF OF SUTPHEN CORPORATION OTHER THAN SET FORTH HEREIN. ANY MODIFICATION TO THIS WARRANTY MUST BE IN WRITING AND APPROVED BY THE PRESIDENT OF SUTPHEN CORPORATION. THE PROVISIONS OF THIS LIMITED WARRANTY SHALL CONSTITUTE THE SOLE EXCLUSIVE REMEDIES OF A SUTPHEN VEHICLE PURCHASER.

For more information contact:

Sutphen Corporation/Warranty Admin. • 7000 Columbus-Marysville Rd. • Amlin, OH 43002
(614) 889-1005 Toll Free (800) 726-7030 or (800) 848-5860

June 1, 1997 Supersedes All Previous Warranties



SUTPHEN®

CORPORATION

AERIAL PLATFORM OR AERIAL LADDER STRUCTURAL AND CORROSION WARRANTY TWENTY (20) YEARS

SUTPHEN CORPORATION (Sutphen) warrants the original user/purchaser that a new aerial platform or aerial ladder is, and will remain, free of corrosion perforation and structural defects, provided the aerial platform is used in a normal and reasonable manner. An aerial platform or aerial ladder is defined as the mechanically operated telescopic boom constructed of high-strength structural aluminum mounted mid-ship on fire truck. Excluded are all hardware, mechanical or electrical items, bucket, yoke and all normal ware items. Truck must be third party tested yearly. The Sutphen hourly maintenance schedule must be sent in to Sutphen for documentation that this work was performed per hourly schedule.

Sutphen's obligation under this warranty is subject to the conditions precedent (1) that the claimed failure shall have first appeared during the warranty period; (2) that the original purchaser shall have notified Sutphen in writing of the claimed failure within thirty (30) days after the claimed failure shall have first appeared, and (3) that, unless Sutphen directs otherwise, the claimed failed item or items shall have been returned to Sutphen, or to Sutphen designee, promptly after the notification, with transportation charges prepaid. Sutphen reserves the right to thoroughly examine the vehicle or parts thereof, prior to conducting or approving any repair or replacement, to determine whether the claimed failure is covered by this warranty. Sutphen's obligation under this warranty is strictly limited to repair or replacement as the company may elect.

The OWNER WARRANTY coverage will commence at the expiration of the standard new product warranty and shall extend for a period of twenty (20) years from the delivery date to the original user/purchaser. Further, this warranty shall be void if the vehicle is involved in an accident, shows signs of abuse, or evidence of being operated in any improper manner.

This limited warranty covers only repair or replacement of any part of a Sutphen vehicle in which a defect in materials or workmanship appears within the limited warranty period. Examples of items not covered include, but are not limited to:

- A. --- Major components or trade accessories such as purchased chassis, engines, signaling devices, batteries, generators, tires, or transmissions that have a separate warranty by the original manufacturer, or to equipment used in fire fighting.
- B. --- Unauthorized alteration or modification to the vehicle, including the body, chassis or components, after completion of the vehicle assembly by Sutphen and any problems that occur as a result of such alterations or modifications.
- C. --- Damage caused by collision, fire, theft, freezing, vandalism, riot, explosion, acts of God, war or objects striking the vehicle or any damage covered by owner insurance.
- D. --- Damage caused by misuse or improper operation of the vehicle such as driving over curbs, overloading, racing or off-road use.
- E. --- Damage caused by failure to follow the requirements of the maintenance schedule, failure to maintain proper fluid and lubricant levels and failure to follow operating instructions.
- F. --- Towing charges and storage expenses.
- G. --- Incidental expenses such as loss of vehicle use, inconvenience, loss of time, vehicle rental, lodging or travel costs, vacation pay, etc.
- H. --- Hydraulic pressures are not set to the correct PSI
- I. --- Damage caused from exposure to road de-icing compounds or use in an acidic environment.
- J. --- Hydraulic failures caused by incorrect or contaminated oil.
- K. --- Hydraulic cylinder seal after one (1) year of service.

If proper maintenance has not been performed and documented on Sutphen Aerial Platform or Aerial Ladder Inspection forms and the forms sent to Sutphen at the time of check, all coverage is void.

continued

This warranty terminates upon transfer of possession or ownership of the vehicle from the original purchaser.

THIS WARRANTY IS PROVIDED IN EXCLUSION OF ANY AND ALL OTHER REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED. NO PERSON IS AUTHORIZED TO MAKE ANY REPRESENTATIONS OR WARRANTIES ON BEHALF OF SUTPHEN CORPORATION OTHER THAN SET FORTH HEREIN. ANY MODIFICATION TO THIS WARRANTY MUST BE IN WRITING AND APPROVED BY THE PRESIDENT OF SUTPHEN CORPORATION. THE PROVISIONS OF THIS LIMITED WARRANTY SHALL CONSTITUTE THE SOLE EXCLUSIVE REMEDIES OF A SUTPHEN VEHICLE PURCHASER.

For more information contact:

**Sutphen Corporation/Warranty Admin. • 7000 Columbus-Marysville Rd. • Amlin, OH 43002
(614) 888-1005 Toll Free (800) 728-7090 or (800) 848-8860**

June 1, 1997 Supersedes All Previous Warranties

Air Link™ Limited Warranty for Cranes & Special Use Applications

RAYDAN MANUFACTURING INC. (hereinafter Raydan) warrants this product will be free from defects in material and workmanship and agrees to repair or replace any part of the suspension which proves defective under these terms and conditions.

What is covered and for how long?

Parts and limited labour are warranted for 0-12 months for factory installed products from the date of the first end-user purchase.

ITEM	MONTHS	COVERAGE
Major components manufactured by Raydan	0 - 12	Parts & Labor as per schedule

Accessories supplied but not manufactured by Raydan, including but not limited to: rubber air components, bushings, valves, air springs.

Who is protected?

This warranty is transferable with proof of purchase.

What is not covered?

Except as specified below, this warranty covers all defects in material or workmanship in this product. The following are not covered by this warranty:

- Any product not distributed by Raydan, an agent of Raydan or an authorized distributor for Raydan, which was not included in the initial consumer purchase.
- Any product on which the product identification tag has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from, but not limited to:
 - Accident, misuse, abuse, neglect, fire or other acts of nature, improper storage, unauthorized product modification, acts of war, sabotage or terrorism or failure to follow instructions supplied with the product.
 - Alteration, repair or attempted repair by anyone not authorized by Raydan.
 - Shipment of the product (all freight claims must be presented directly to the carrier).
 - Improper installation of the product.
 - Any other cause which does not relate to a product defect.

How is warranty service handled?

Raydan reserves the right to request failed material be returned prepaid for review prior to settlement of any claim. It is the customer's obligation and expense to deliver failed material to a Raydan authorized service center or other facility authorized by Raydan, AND/OR ship the product freight prepaid to Raydan's manufacturing facility in order to render warranty services.

Raydan may require that you provide the original bill of sale or receipt as proof of purchase in order to obtain warranty service. Please retain such proof of purchase with your records.

NOTE: All products returned to Raydan for warranty MUST have prior approval, which may be obtained by calling toll free 1-888-472-9326 or 1-780-955-2888 (9:00 am - 5:00 pm MST).

Limitation of damages and implied warranties

Raydan's sole liability for any defective product is limited to the repair or replacement of the product at our option. Raydan will not be liable for:

- Damage to other property caused by any defects in this product, damages based upon inconvenience, loss of use of the product, loss of time, commercial loss; or
- any other damages, whether incidental, consequential or otherwise.

It is a condition of this warranty policy that the customer properly maintain and operate all equipment. The customer is also expected to comply with all service requirements and recommendations of Raydan, the manufacturer, with regard to said equipment.

This warranty is exclusive and is in lieu of all other warranties, express or implied, including but not limited to the implied warranties of merchantability or fitness for a particular purpose. (Some states do not allow the exclusion of implied warranties or the limitation or exclusion of liability for incidental or consequential damages. Therefore, the above exclusions or limitation may not apply to you.)

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Raydan reserves the right to change or improve the design of the warranted product without obligation to make modifications to previous models sold. The manufacturer reserves the right to revise this warranty at its discretion.

It is the responsibility of the product owner to ensure all other component parts in the vehicle that are attached to the Air Link™ have adequate weight rating for the required vehicle application.

Inservice date of warranty: _____

Serial Number: _____

RAYDAN
MANUFACTURING INC.

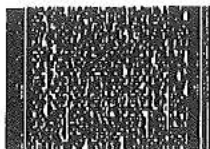
Raydan Manufacturing Inc.
601 - 18th Avenue, Nisku, AB Canada T9E 7T7
Toll Free: (888) 472-9326 | (780) 955-2858 | Fax: (780) 955-2888
www.raydanmfg.com



Motor Vehicle Division

00-0386A R02/09 www.azdot.gov

GREEN VALLEY FIRE DISTRICT
1285 W CAMINO ENCANTO
GREEN VALLEY AZ 85614-1222



ARIZONA VEHICLE REGISTRATION

Print Date/Time
07/28/2009 11:55

Carry in Vehicle At All Times

Expiration Date
00/00/0000

Vehicle Identification Number
199A3JL8891

Title

\$4.00

Record Number
Plate Number

Unit Number

2009 SUTPH

Year / Make

FT

Body Style

First Registered

00/0000

List Price

000000

Fuel Type

D

Category

P

Weight (GVW)

County

PIMA

Registration Type

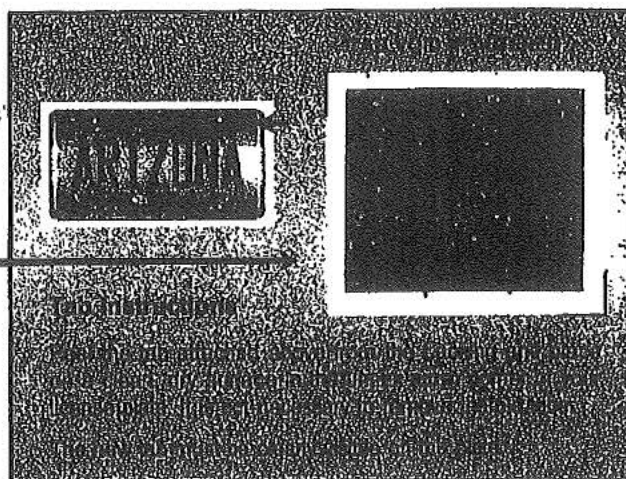
FUL

TOTAL

\$4.00

Detach Here - Apply Tab Below To Plate - Carry Registration Above in Vehicle At All Times

THIS
IS YOUR NEW
LICENSE PLATE
TAB.



GREEN VALLEY FIRE DISTRICT
1285 W CAMINO ENCANTO
GREEN VALLEY AZ 85614-1222

0225001049

INSURANCE IDENTIFICATION CARD

OF ID 1

STATE **AZ**
AGENCY NUMBER **COMPANY**

THIS CARD MUST BE KEPT IN THE INSURED
VEHICLE AND PRESENTED UPON DEMAND

Arch Insurance Company
EFFECTIVE DATE **07/01/09** EXPIRATION DATE **07/01/10**

VEHICLE IDENTIFICATION NUMBER

1009 Sutphen Pumper **189A3JLE892**

INSURANCE/COMPANY ISSUING CARD

THE MAHONEY GROUP

Drew A. Newton ARM, CIC, CPCU

520-795-8511

INSURED

Green Valley Fire District

Chief Simon Davis

1285 W. Camino Encanto

Green Valley

AZ 85614

COVERAGE MEETS MINIMUM LIABILITY INSURANCE PRESCRIBED BY LAW

IN CASE OF ACCIDENT: Report all accidents
to your Agent/Company as soon as possible.
Obtain the following information:

1. Name and address of each driver,
passenger and witness.
2. Name of Insurance Company and policy
number for each vehicle involved.

80 (1/83)

Weekly Aircraft Inspection							
Stabilization System - Dates	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Hydraulic Reservoir Level							
Hydraulic Leaks							
Functional Graphic Display Panel							
R / L Mid-Ship Stabilizers							
Auxiliary Ground Pads							
Rear Jacks							
Front Cab Jacks							
Stabilizer Interlock Graphic Display							
Audible Warning System							
Aux. Hydraulic Pump							
Hydraulic Transfer / Upper Power							
Emergency Hydraulic Pump/Controls							
Turn Table and Controls							
Breathing Air System Pressure							
Raise / Lower							
Extend / Retract							
360 R / L Full Rotation @ 80 degrees							
Functional Graphic Display Panel							
Boom lights - Alarm Test - Ladder Lights							
PA / PPT Mike							
Turn Table Flood Lights							
Bucket Control Switch							
Safety Override Switch's							
Manual Hydraulic Override Controls							
Pedestal Hydraulic Lines, Any Leaks							
Safety Lines							
Smart Boom Warning System							
Stabilizer Interlock Override							
Rotational Interlock System							
Emergency Hydraulic Controls							
Platform Controls - Egress							
Functional Graphic Display Panel							
Bucket Control Power							
High Range / Creep Mode							
Raise / Lower							
Extend / Retract							
Rotation R / L							
Self Leveling System/Emg. Stop/Disable							
Leveling System Override							
Hyd. Reservoir for Leveling System							
Spot / Flood Lights / Ladder Lights							
Panel Light, Alarm Silence							
Manual and Remote Nozzle Controls							
Master Streams, Aux. Discharges							
Water Control Valves							
Platform Folding Egress Ladder							
Stokes Basket Arms, Lifting Eyes							
Breathing Air Gauge and Hook Ups							
Access/Egress Doors							
Hand Tools / Holders							
Hydraulic Lines and Controls							
5 Ladder Sections, Slide Block Paths							
Aerial Extension / Retraction Cylinders							
Water Way Tubes							
Turn Table Hydraulic Lines							
Sheaves and Cables							
Cable Track / Wiring Harness							
Bucket Hydraulic Lines							
Bucket Leveling Cylinders							

April was the first month Tower 151 was in service

No inspection on April 12, 2010 - Comaduran

No inspection on April 15, 2010 - Tomlinson

No inspection on April 16, 2010 - Comaduran

No inspection on April 17, 2010 - Tomlinson

No inspection on April 19, 2010 - Tomlinson

No inspection on April 20, 2010 - Miller

No inspection on April 21, 2010 - Comaduran

No inspection on April 22, 2010 - Miller

No inspection on April 23, 2010 - Comaduran

No inspection on April 24, 2010 - Comaduran

No inspection on February 15, 2011 - Zavala

No or incomplete inspection on February 16, 2011 - Comaduran

No inspection on February 17, 2011 - Zavala

No inspection on February 18, 2011 - J Smith

No inspection on February 19, 2011 - Zavala

No or incomplete inspection on February 20, 2011 - Zavala

No or incomplete inspection on February 24, 2011 - Zavala

No or incomplete inspection on March 5, 2011 - Zavala

No inspection on March 7, 2011 - Zavala

No or incomplete inspection on March 9, 2011 - Zavala

No or incomplete inspection on March 13, 2011 - Comaduran

No inspection on March 15, 2011 - Comaduran

No or incomplete inspection on March 18, 2011 – Zavala

No or incomplete inspection on March 23, 2011 – Zavala

No inspection on March 24, 2011 – Comaduran

No inspection on March 25, 2011 – Zavala

No inspection on March 30, 2011 – Miller

No inspection April 3, 2011 – A Soto

No or incomplete inspection on April 23, 2011 - Zavala

No inspection on May 15, 2011 – Comaduran

No inspection on May 16, 2011 – Zavala

No inspection May 17, 2011 – Comaduran

No inspection on May 19, 2011 – O'Campo

No inspection on June 17, 2011 – Comaduran

No inspection on June 29, 2011 – Comaduran

No inspection on July 4, 2011 – Zavala

No or incomplete inspection on July 9, 2011 – Zavala

No or incomplete inspection on July 13, 2011 – Zavala

No or incomplete inspection on July 20, 2011 – Christensen

No inspection on July 24, 2011 – Comaduran

No inspection on July 29, 2011 – Zavala

Incomplete inspection on August 31, 2011 – Comaduran

Incomplete inspection on September 14, 2011 – Zavala

Incomplete inspection on October 12, 2011 – Valencia

No inspection on October 14, 2011 – Miller

No inspection on October 16, 2011 – Lane

No inspection on October 21, 2011 – Valencia

No or incomplete inspection on November 2, 2011 – Hoye

No or incomplete inspection on November 9, 2011 – Lane

No or incomplete inspection on November 16, 2011 – Zavala

No inspection on November 22, 2011 – Malaney

No or incomplete inspection on November 28, 2011 – Lane

No or incomplete inspection on November 30, 2011 – Hoye

No inspection on December 31, 2011 – Hoye

Incomplete inspection on January 11, 2012 – Lane

No or incomplete inspection on January 18, 2012 – Zavala

No inspection on January 20, 2012 – Lane

No inspection on January 22, 2012 – Lane

No inspection on January 31, 2012 – Lane

No inspection on February 7, 2012 – Lane

No inspection on February 9, 2012 – Lane

No inspection on February 11, 2012 – Ruch

No inspection on February 17, 2012 – Miller

No inspection on February 18, 2012 – Ruch

No inspection on February 21, 2012 – Zavala

No inspection on February 23, 2012 – Hoye

No inspection on February 27, 2012 – Christensen

No inspection on February 29, 2012 – Christensen

No or Incomplete inspection on March 14, 2012 – Christensen

No inspection on March 23, 2012 – Downes

No inspection on April 2, 2012 – Miller

No inspection on April 3, 2012 – Christensen

No or incomplete inspection on April 4, 2012 – Zavala

No inspection on April 5, 2012 – Christensen

No inspection on April 6, 2012 – Zavala

No inspection on April 8, 2012 – Zavala

No or incomplete inspection on April 9, 2012 – Zavala

No inspection on April 30, 2012 – Lane

No inspection on May 7, 2012 – Lane

No Inspection on May 12, 2012 – Hoyer

No inspection on May 19, 2012 – Hoyer

No inspection on May 31, 2012 – Gatterer

No inspection on June 2, 2012 – Gatterer

Month/Year: Sept 09

Revised: April 2009

Designator: Ladder 151

Shop # 3140

Dates: Sun, Mon, Wed.

Unit/Engine/Truck/Support		
Crew 1	<u>Gottener</u>	
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)	<u>3611</u>	
Fuel Level:	<u>F</u>	
Cab Controls/Instrument Panel/Warning		
Warning Lights, Buzzers, etc.	☒	
Gauges & Instruments	☒	
Oil/Air Pressure	☒	
Oil/Transmission Temp.	☒	
Coolant Temp.	☒	
Electrical: Volts/Amps	☒	
Radio/Headset/Cell Phone/Pager	☒	
Clipboard/Paperwork/Maps/Passport		
Safety Vest/Brush Shirts/Fire Shelter		
Mechanical		
Lights: Running/warning/scene	☒	
Code 3 Equipment	☒	
Tires/Wheels	☒	
10 Step Air Brake Check (see back)	☒	
Cab/Hood Tilt-Eng. Inspect (see back)	☒	
Water Tank Level		
Daily Pump Check		
Detailed Pump Check (see back)		
Medical/First Aid		
Jump Bags (Airway/Trauma/Peds)	☒	
O2 Level	☒	
Miscellaneous Supplies	☒	
Drinking Water	☒	
Fire Equipment		
Appliances/Hose 1-3/4", 3", 4"	☒	
Hard Suction 4", 6"	☒	
Tarp(s)	☒	
Portable Water Tank	☒	
LowFlow Strainer/Jet Siphon	☒	
Tie-down Kit	☒	
Gate Valves	☒	
Flashlights	☒	
Portable Extinguishers (ABC/PW)	☒	
Tool Bag/Tools	☒	
SCBA/Spare Air Bottles	☒	
Weekly SCBA Inspection (see back)	☒	
Safety Equipment: Cones, Flares	☒	
Wheel Chocks	☒	

9/14/09 Hand Sets/Radio Charger's work now - Hand Sets - blown fuse to small - Radio Charger's hooked to power

Eng. Hours

<u>122</u>	

SCBA 1	Sun.	Wed.
SCBA 2		
SCBA 3		
Waste Engine		
Spare 1		
Spare 2		
Spare 3		

WEEKLY INSPECTIONS

Check Fluids	Date	Sun.	Wed.
Engine Oil	9/14	✓	
Transmission		✓	
Coolant		✓	
Brake/Air Pressure		✓	
Power Steering		✓	
Wiper Fluid		✓	
Battery		✓	
Check Battery Terminals/Cables		✓	
Check Belts/Hoses		✓	
Check Breather Valve/Transmission		✓	
Check Front Brakes & Lines		✓	
Check Rear Brakes & Lines		✓	
Check Suspension/Steering Components		✓	
Check Drive Line		✓	
Check for any Fluid Leaks/Note		✓	
Check Front/Rear Tire Wear/Tread		✓	
Check Tire Pressures		LF	RF
O = Outside	2nd Axle	O-LR	O-RR
I = Inside		I-LR	I-RR
	3rd Axle	O-LR	O-RR
		I-LR	I-RR

* To be performed by Engineers.		Sun
1. Check Drive Belt(if applicable)		
2. Check Man/Auto Slack Adjusters		
Air Chambers, Air Lines		
3. Check Drums/Disc, Shoes/Pads		
4. Test Low Air-Pressure Warning		
5. Automatic Spring Brake Set		
6. Rate of Air-Pressure Build up		
7. Test Air Leakage Rate		
8. Check Air-Compressor Governor		
Cut In/Out		
9. Test Parking Brake - 20% grade		
10. Test Service Brake - 20mph/35ft		

Daily Engine Check	Sun
Check gauges:	Date:
Engine RPM	
Temperature	
Fuel	
Volt/Amps	
Check Pump Controls & Indicators	
Inspect/Operate Drain Valves	
Inspected all Intakes/Discharges	
Check Priming Pump Fluid/Operate	
Check Proper Operation of Relief Valve	
Flush & Drain Discharges	
Flush & Refill on 1st Saturday of Month	

(See Weekly SCBA Inspection Sheet)
 Date: 9/14 Initials: MS

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

SUN	MON	TUES	WED	THUR	FRI	SAT
	5 ✓					

Revised: April 2009

Month/Year: 9/09

Designator: Tower 151

Shop #

1066ER 151
3146

Dates:

Sun.

Wed. 23

Vehicle Inspection	
Crew 1	✓
Crew 2	
Crew 3	
Mileage: (add to E.R. on Sunday)	3614
Fuel Level:	3/4
CAB COPIES/INSTRUMENTS	
Warning Lights, Buzzers, etc.	✓
Gauges & Instruments	✓
Oil/Air Pressure	✓
Oil/Transmission Temp.	✓
Coolant Temp.	✓
Electrical: Volts/Amps	✓
Radios/Headsets/Cell Phone/Pager	✓
Clipboard/Paperwork/Maps/Passport	N/A
Safety Vest/Brush Shirts/Fire Shelter	N/A
MECHANICAL	
Lights: Running/warning/scene	✓
Code 3 Equipment	✓
Tires/Wheels	✓
10 Step Air Brake Check (see back)	✓
Cab/Hood Tilt-Eng. Inspect (see back)	✓
Water Tank Level	N/A
Daily Pump Check	✓
Detailed Pump Check (see back)	
EYES/TOOLS	
Jump Bags (Airway/Trauma/Peds)	N/A
O2 Level	
Miscellaneous Supplies	N/A
Drinking Water	
FIRES/FLAMMABLES	
Appliances/Hose 1-3/4", 3", 4"	
Hard Suction 4", 6"	N/A
Tarp(s)	
Portable Water Tank	
LowFlow Strainer/Jet Siphon	
Tie-down Kit	N/A
Gate Valves	
Flashlights	
Portable Extinguishers (ABC/PW)	
Tool Bag/Tools	
SCBA/Spare Air Bottles	
Weekly SCBA Inspection (see back)	
Safety Equipment: Cones, Flares	N/A
Wheel Chocks	

SCBA 1	Sun.	Wed.
SCBA 2		N/A
SCBA 3		
Wiper Fluid		
Spare 1		N/A
Spare 2		
Spare 3		

WEEKLY INSPECTIONS

Check Fluids	Dates	Sun.	Wed.
Engine Oil			✓
Transmission			✓
Coolant			✓
Brake/Air Pressure			✓
Power Steering			✓
Wiper Fluid			✓
Battery			✓
Check Battery Terminals/Cables			✓
Check Belts/Hoses			✓
Check Breather Valve/Transmission			✓
Check Front Brakes & Lines			✓
Check Rear Brakes & Lines			✓
Check Suspension/Steering Components			✓
Check Drive Line			✓
Check for any Fluid Leaks/Note			✓ NO
Check Front/Rear Tire Wear/Tread			✓
Check Tire Pressures	LF RF	LF 120 RF 120	LF 120 RF 120
O = Outside	2nd Axle O-LR O-RR	O-LR 120 O-RR 120	O-LR 120 O-RR 120
I = Inside	I-LR I-RR	I-LR 120 I-RR 120	I-LR 120 I-RR 120
	3rd Axle O-LR O-RR	O-LR 120 O-RR 120	O-LR 120 O-RR 120
	I-LR I-RR	I-LR 120 I-RR 120	I-LR 120 I-RR 120

* To be performed by Engineers.

	Sun
1. Check Drive Belt(if applicable)	
2. Check Man./Auto Stack Adjusters	
Air Chambers, Air Lines	
3. Check Drums/Disc, Shoes/Pads	
4. Test Low Air-Pressure Warning	
5. Automatic Spring Brake Set	
6. Rate of Air-Pressure Build up	
7. Test Air Leakage Rate	
8. Check Air-Compressor Governor	
Cut In/Out	
9. Test Parking Brake - 20% grade	
10. Test Service Brake - 20mph/35ft	

All Tires were between 110-112 when checked. Topped off @ 120 psi per Siphon Specs.

Check gauges:	Date:	Sun
Engine RPM		
Temperature		
Fuel		
Volt/Amps		
Check Pump Controls & Indicators		
Inspect/Operate Drain Valves		
Inspected all Intakes/Discharges		
Check Priming Pump Fluid/Operate		
Check Proper Operation of Relief Valve		
Flush & Drain Discharges		
Flush & Refill on 1st Saturday of Month		

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

SUN	MON	TUES	WED	THUR	FRI	SAT
			✓			

GVFD - Daily Vehicle Check. TENDER ENGINE

Revised: April 2009

Ladder

Month/Year: Sept 09Designator: Tower 151Shop # 3140

Dates:

Sun.

Wed.

GVFD - Daily Vehicle Check. TENDER ENGINE		
Revised: April 2009		
Month/Year: <u>Sept 09</u>		
Designator: <u>Tower 151</u>		
Shop # <u>3140</u>		
Dates: Sun. Wed.		
Vehicle Information		
Crew 1	<u>Gatterer</u>	<u>Thomms</u>
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)	<u>3569</u>	<u>3663</u>
Fuel Level:	<u>7/8</u>	<u>3/4</u>
AM Controls and Auxiliary Equipment		
Warning Lights, Buzzers, etc.	☒	☒
Gauges & Instruments	☒	☒
Oil/Air Pressure	☒	☒
Oil/Transmission Temp.	☒	☒
Coolant Temp.	☒	☒
Electrical Volts/Amps	☒	☒
Radio/Headset/Cell Phone/Pager	☒	☒
Clipboard/Paperwork/Maps/Passport	☒	☒
Safety Vest/Brush Shirts/Fire Shelter	☒	☒
Mechanical		
Lights: Running/warning/scene	☒	☒
Code 3 Equipment	☒	☒
Tires/Wheels	☒	☒
10 Step Air Brake Check (see back)	☒	☒
Cab/Hood Tilt-Eng. Inspect (see back)	☒	☒
Water Tank Level	☒	☒
Daily Pump Check	☒	☒
Detailed Pump Check (see back)	☒	☒
Fire Equipment		
Jump Bags (Airway/Trauma/Peds)	☒	☒
O2 Level	☒	☒
Miscellaneous Supplies	☒	☒
Drinking Water	☒	☒
Fire Equipment		
Appliances/Hose 1-3/4", 3", 4"	☒	☒
Hard Suction 4", 6"	☒	☒
Tarp(s)	☒	☒
Portable Water Tank	☒	☒
LowFlow Strainer/Jet Siphon	☒	☒
Tie-down Kit	☒	☒
Gate Valves	☒	☒
Flashlights	☒	☒
Portable Extinguishers (ABC/PW)	☒	☒
Tool Bag/Tools	☒	☒
SCBA/Spare Air Bottles	☒	☒
Weekly SCBA Inspection (see back)	☒	☒
Safety Equipment: Cones, Flares	☒	☒
Wheel Chocks	☒	☒
Damaged or Missing Equipment		

Daily Inspections Continued

SCBA Check	Dates	Sun.	Wed.
SCBA 1			
SCBA 2			
SCBA 3			
SCBA 4			
SCBA 5			
SCBA 6			
SCBA 7			
SCBA 8			
SCBA 9			
SCBA 10			

WEEKLY INSPECTIONS

Check Fluids	Dates	Sun.	Wed.
Engine Oil		✓	✓
Transmission		✓	
Coolant		✓	
Brake/Air Pressure		✓	
Power Steering		✓	
Wiper Fluid		✓	
Battery		✓	
Check Battery Terminals/Cables		✓	
Check Belts/Hoses		✓	
Check Breather Valve/Transmission		✓	
Check Front Brakes & Lines		✓	
Check Rear Brakes & Lines		✓	
Check Suspension/Steering Components		✓	
Check Drive Line		✓	
Check for any Fluid Leaks/Note		✓	
Check Front/Rear Tire Wear/Tread		✓	
Check Tire Pressures			
O = Outside			
I = Inside			
2nd Axle			
3rd Axle			

* To be performed by Engineers.

	Sun
1. Check Drive Belt (if applicable)	
2. Check Man./Auto Slack Adjusters	
Air Chambers, Air Lines	
3. Check Drums/Disc, Shoes/Pads	
4. Test Low Air-Pressure Warning	
5. Automatic Spring Brake Set	
6. Rate of Air-Pressure Build up	
7. Test Air Leakage Rate	
8. Check Air-Compressor Governor	
Cut In/Out	
9. Test Parking Brake - 20% grade	
10. Test Service Brake - 20mph/35ft	

Check gauges:	Date:	Sun
Engine RPM		
Temperature		
Fuel		
Volt/Amps		
Check Pump Controls & Indicators		
Inspect/Operate Drain Valves		
Inspected all Intakes/Discharges		
Check Priming Pump Fluid/Operate		
Check Proper Operation of Relief Valve		
Flush & Drain Discharges		
Flush & Refill on 1st Saturday of Month		

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

SUN MON TUES WED THUR FRI SAT
GG KT KM KT KM

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

Revised: April 2009

Month/Year: Oct 09

Designator: Tower 151

Shop #

Dates:

Sun. 4 Wed. 7

	Sun. 4	Wed. 7
Crew 1	<u>G. H. H. H.</u>	<u>F. L. L. L.</u>
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)	<u>3669</u>	<u>369</u>
Fuel Level:	<u>3/4</u>	<u>3/4</u>
Warning Lights, Buzzers, etc.		
Gauges & Instruments	☒	☒
Oil/Air Pressure	☒	☒
Oil/Transmission Temp.	☒	☒
Coolant Temp.	☒	☒
Electrical: Volts/Amps	☒	☒
Radlos/Headsets/Cell Phone/Pager	☒	☒
Clipboard/Paperwork/Maps/Passport	☒	☒
Safety Vest/Brush Shirts/Fire Shelter	☒	☒
Lights: Running/warning/scene		
Code 3 Equipment	☒	☒
Tires/Wheels	☒	☒
10 Step Air Brake Check(see back)	☒	☒
Cab/Hood Tilt-Eng. Inspect (see back)	☒	☒
Water Tank Level	<u>Full</u>	<u>Full</u>
Daily Pump Check	☒	☒
Detailed Pump Check (see back)		
Jump Bags(Airway/Trauma/Peds)		
O2 Level	☒	☒
Miscellaneous Supplies	☒	☒
Drinking Water	☒	☒
Appliances/Hose 1-3/4", 3", 4"		
Hard Suction 4", 6"		
Tarp(s)		
Portable Water Tank		
LowFlow Strainer/Jet Siphon		
Tie-down Kit		
Gate Valves		
Flashlights	<u>8</u>	<u>8</u>
Portable Extinguishers(ABC/PW)		
Tool Bag/Tools		
SCBA/Spare Air Bottles		
Weekly SCBA Inspection (see back)		
Safety Equipment: Cones, Flares		
Wheel Chocks	<u>2</u>	<u>2</u>

	Sun.	Wed.
SCBA 1		
SCBA 2		
SCBA 3		
Valve Emitters - 10		
Spare 1		
Spare 2		
Spare 3		

WEEKLY INSPECTIONS

	Sun.	Wed.
Check Fluids	10-4-05	
Engine Oil	✓	
Transmission	✓	
Coolant	✓	
Brake/Air Pressure	✓	
Power Steering	✓	
Wiper Fluid	✓	
Battery	✓	
Check Battery Terminals/Cables	✓	
Check Belts/Hoses	✓	
Check Breather Valve/Transmission	✓	
Check Front Brakes & Lines	✓	
Check Rear Brakes & Lines	✓	
Check Suspension/Steering Components	✓	
Check Drive Line	✓	
Check for any Fluid Leaks/Note	None	
Check Front/Rear Tire Wear/Tread		
Check Tire Pressures	LF 120 RF 120	LF RF
O = Outside	2nd Axle O-LR 120 O-RR 120	O-LR O-RR
I = Inside	I-LR 120 I-RR 120	I-LR I-RR
3rd Axle	O-LR 120 O-RR 120	O-LR O-RR
	I-LR 120 I-RR 120	I-LR I-RR

* To be performed by Engineers.

	Sun
1. Check Drive Belt (if applicable)	N/A
2. Check Man./Auto Slack Adjusters	✓
Air Chambers, Air Lines	✓
3. Check Drums/Disc, Shoes/Pads	
4. Test Low Air-Pressure Warning	✓ 050
5. Automatic Spring Brake Set	✓ 050
6. Rate of Air-Pressure Build up	✓
7. Test Air Leakage Rate	✓
8. Check Air-Compressor Governor Cut In/Out	✓
9. Test Parking Brake - 20% grade	
10. Test Service Brake - 20mph/35ft	

	Sun
Check gauges:	Date:
Engine RPM	
Temperature	
Fuel	
Volt/Amps	
Check Pump Controls & Indicators	
Inspect/Operate Drain Valves	
Inspected all Intakes/Discharges	
Check Priming Pump Fluid/Operate	
Check Proper Operation of Relief Valve	
Flush & Drain Discharges	
Flush & Refill on 1st Saturday of Month	

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

SUN	MON	TUES	WED	THUR	FRI	SAT
6				PM		PM

GVFD - Daily Vehicle Check. TENDER/RESCUE ENGINE

Revised: April 2009

Month/Year: Nov/09Designator: Tower 151Shop # 3140

Dates:

Sun. 11/22 Wed.

General Vehicle Appearance		
Crew 1	<u>MA/AM</u>	
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)		
Fuel Level:	<u>Full</u>	
Cab Controls/Instrument Panel/Equipment		
Warning Lights, Buzzers, etc.	☒	
Gauges & Instruments	☒	
Oil/Air Pressure	☒	
Oil/Transmission Temp.	☒	
Coolant Temp.	☒	
Electrical: Volts/Amps	☒	
Radlos/Headsets/Cell Phone/Pager	☒	
Clipboard/Paperwork/Maps/Passport	☒	
Safety Vest/Brush Shirts/Fire Shifter	☒	
Lighting		
Lights: Running/warning/scene	☒	
Code 3 Equipment	☒	
Tires/Wheels	☒	
10 Step Air Brake Check (see back)		
Cab/Hood Tilt-Eng. Inspect (see back)		
Water Tank Level	☒	
Daily Pump Check	☒	
Detailed Pump Check (see back)	☒	
First Aid Equipment		
Jump Bags (Airway/Trauma/Peds)	☒	
O2 Level	☒	
Miscellaneous Supplies	☒	
Drinking Water	☒	
Fire Equipment		
Appliances/Hose 1-3/4", 3", 4"	☒	
Hard Suction 4", 6"	☒	
Tarp(s)	☒	
Portable Water Tank	☒	
Low Flow Strainer/Jet Siphon	☒	
Tie-down Kit	☒	
Gate Valves	☒	
Flashlights	☒	
Portable Extinguishers (ABC/PW)	☒	
Tool Bag/Tools	☒	
SCBA/Spare Air Bottles	☒	
Weekly SCBA Inspection (see back)	☒	
Safety Equipment: Cones, Flares	☒	
Wheel Chocks	☒	
Damaged or Missing Equipment		

* TANK Empty

SCBA	Sun.	Wed.
SCBA 1	0	
SCBA 2		
SCBA 3		
Spare 1	0	
Spare 2		
Spare 3		

WEEKLY INSPECTIONS

Check Fluids	Dates	Sun.	Wed.
Engine Oil	11/22	✓	
Transmission		✓	
Coolant		✓	
Brake/Air Pressure		✓	
Power Steering		✓	
Wiper Fluid		✓	
Battery		✓	
Check Battery Terminals/Cables		✓	
Check Belts/Hoses		✓	
Check Breather Valve/Transmission		✓	
Check Front Brakes & Lines		✓	
Check Rear Brakes & Lines		✓	
Check Suspension/Steering Components		✓	
Check Drive Line		✓	
Check for any Fluid Leaks/Note		✓	
Check Front/Rear Tire Wear/Tread		✓	
Check Tire Pressures	LF 115 RF 115	LF 115 RF 115	LF 115 RF 115
O = Outside	2nd Axle O-LR 115 O-RR 115	O-LR 115 O-RR 115	O-LR 115 O-RR 115
I = Inside	I-LR 115 I-RR 115	I-LR 115 I-RR 115	I-LR 115 I-RR 115
	3rd Axle O-LR 115 O-RR 115	O-LR 115 O-RR 115	O-LR 115 O-RR 115
	I-LR 115 I-RR 115	I-LR 115 I-RR 115	I-LR 115 I-RR 115

* To be performed by Engineers.

	Sun
1. Check Drive Belt(if applicable)	
2. Check Man./Auto Slack Adjusters	
Air Chambers, Air Lines	
3. Check Drums/Disc, Shoes/Pads	
4. Test Low Air-Pressure Warning	
5. Automatic Spring Brake Set	
6. Rate of Air-Pressure Build up	
7. Test Air Leakage Rate	
8. Check Air-Compressor Governor	
Cut In/Out	
9. Test Parking Brake - 20% grade	
10. Test Service Brake - 20mph/35ft	

Check gauges:	Date:	Sun
Engine RPM	11/22	✓
Temperature		✓
Fuel		✓
Volt/Amps		✓
Check Pump Controls & Indicators		✓
Inspect/Operate Drain Valves		✓
Inspected all Intakes/Discharges		✓
Check Priming Pump Fluid/Operate		✓
Check Proper Operation of Relief Valve		✓
Flush & Drain Discharges		✓
Flush & Refill on 1st Saturday of Month		✓

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

SUN	MON	TUES	WED	THUR	FRI	SAT
RM		RM		RM		RM

Month/Year: 12/09

Revised: April 2009

Tower

Designator: *Tower 151*

Shop # *3140*

Dates: *Sun. 13* *Wed. 16*

Vehicle Switchgear/ Apparatus		
Crew 1	<i>Galena</i>	
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)		
Fuel Level:	<i>Full</i>	
Engine/Tools/ Equipment/ Pallet/ Equipment		
Warning Lights, Buzzers, etc.	☒	
Gauges & Instruments	☒	
Oil/Air Pressure	☒	
Oil/Transmission Temp.	☒	
Coolant Temp.	☒	
Electrical: Volts/Amps	☒	
Radios/Headsets/Cell Phone/Pager	☒	
Clipboard/Paperwork/Maps/Passport	<i>N/A</i>	
Safety Vest/Brush Shirts/Fire Shelter	<i>N/A</i>	
Mechanical		
Lights: Running/Warning/scene	☒	
Code 3 Equipment	☒	
Tires/Wheels	☒	
10 Step Air Brake Check (see back)	☒	
Cab/Hood Tilt-Eng. Inspect (see back)	☒	
Water Tank Level	<i>Empty</i>	
Daily Pump Check	☒	
Detailed Pump Check (see back)	☒	
EMS Equipment		
Jump Bags (Airway/Trauma/Peds)	<i>N/A</i>	
O2 Level	<i>N/A</i>	
Miscellaneous Supplies	<i>N/A</i>	
Drinking Water	<i>N/A</i>	
Fire Equipment		
Appliances/Hose 1-3/4", 3", 4"	<i>N/A</i>	
Hard Suction 4", 6"	<i>N/A</i>	
Tarp(s)	<i>N/A</i>	
Portable Water Tank	<i>N/A</i>	
LowFlow Strainer/Jet Siphon	<i>N/A</i>	
Tie-down Kit	<i>N/A</i>	
Gate Valves	<i>N/A</i>	
Flashlights	<i>N/A</i>	
Portable Extinguishers (ABC/PW)	<i>N/A</i>	
Tool Bag/Tools	<i>N/A</i>	
SCBA/Spare Air Bottles	<i>N/A</i>	
Weekly SCBA Inspection (see back)	<i>N/A</i>	
Safety Equipment: Cones, Flares	☒	
Wheel Chocks	☒	
Damaged or Missing Equipment		

Daily Inspections Continued

SCBA Check	Dates	Sun.	Wed.
SCBA 1		N/A	
SCBA 2		N/A	
SCBA 3		N/A	
VOIC - MINOR			
Spare 1		N/A	
Spare 2		N/A	
Spare 3			

WEEKLY INSPECTIONS

Check Fluids	Dates	Sun.	Wed.
Engine Oil	12/13	✓	
Transmission		✓	
Coolant		✓	
Brake/Air Pressure		✓	
Power Steering		✓*	
Wiper Fluid		✓	
Battery		✓	
Check Battery Terminals/Cables		✓	
Check Belts/Hoses		✓	
Check Breather Valve/Transmission		✓	
Check Front Brakes & Lines		✓	
Check Rear Brakes & Lines		✓	
Check Suspension/Steering Components		✓	
Check Drive Line		✓	
Check for any Fluid Leaks/Note		✓*	
Check Front/Rear Tire Wear/Tread		✓	
Check Tire Pressures	LF RF	LF RF	LF RF
O = Outside	2nd Axle O-LR O-RR	O-LR O-RR	O-LR O-RR
I = Inside	I-LR I-RR	I-LR I-RR	I-LR I-RR
	3rd Axle O-LR O-RR	O-LR O-RR	O-LR O-RR
	I-LR I-RR	I-LR I-RR	I-LR I-RR

* To be performed by Engineers.

	Sun 12/13
1. Check Drive Belt(if applicable)	✓
2. Check Man/Auto Slack Adjusters	✓
Air Chambers, Air Lines	✓
3. Check Drums/Disco, Shoes/Pads	✓
4. Test Low Air-Pressure Warning	✓
5. Automatic Spring Brake Set	✓
6. Rate of Air-Pressure Build up	✓
7. Test Air Leakage Rate	✓
8. Check Air-Compressor Governor	✓
Cut In/Out	
9. Test Parking Brake - 20% grade	
10. Test Service Brake - 20mph/35ft	

Check gauges:	Date:	Sun
Engine RPM		
Temperature		
Fuel		
Volt/Amps		
Check Pump Controls & Indicators		
Inspect/Operate Drain Valves		
Inspected all Intakes/Discharges		
Check Priming Pump Fluid/Operate		
Check Proper Operation of Relief Valve		
Flush & Drain Discharges		
Flush & Refill on 1st Saturday of Month		

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

12/13 minor Power Steering leak

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

GVFD - Daily Vehicle Check. ~~REDACTED~~

Revised: April 2009

Month/Year: 12/09Designator: Tower 151Shop # 3140

Dates:

Sun.

Wed. 12/23

Initial State Switching Apparatus		
Crew 1		MA/ANDY
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)		4312
Fuel Level:		3/4
Cab Controls/Instrumentation		
Warning Lights, Buzzers, etc.		✓
Gauges & Instruments		✓
Oil/Air Pressure		✓
Oil/Transmission Temp.		✓
Coolant Temp.		✓
Electrical: Volts/Amps		✓
Radios/Headsets/Got Phone/Pager		✓
Clipboard/Paperwork/Maps/Passport		0
Safety Vest/Brush Shirts/Fire Shelter		0
Maintenance		
Lights: Running/warning/scene		✓
Code 3 Equipment		✓
Tires/Wheels		✓
10 Step Air Brake Check (see back)	*	
Cab/Hood Tilt-Eng. Inspect (see back)		✓
Water Tank Level		0
Daily Pump Check		0
Detailed Pump Check (see back)		
PMS Equipment		
Jump Bags (Airway/Trauma/Peds)		0
O2 Level		0
Miscellaneous Supplies		0
Drinking Water		0
Fire Equipment		
Appliances/Hose 1-3/4", 3", 4"		0 ✓
Hard Suction 4", 6"		✓
Tarp(s)		0
Portable Water Tank		0
LowFlow Strainer/Jet Siphon		0
Tie-down Kit		0
Gate Valves		0
Flashlights		✓
Portable Extinguishers (ABC/PW)		0
Tool Bag/Tools		0
SCBA/Spare Air Bottles		0
Weekly SCBA Inspection (see back)		
Safety Equipment: Cones, Flares		✓
Wheel Chocks		✓
Damaged or Missing Equipment		

5" LDH

009-5-024

-017

011

015

014

022

009

010

ROTATED ON 12/21/09

C-SHIFT 152

SCBA 1	Sun.	Wed. 12/23
SCBA 2		
SCBA 3		
Valve/Filter/Reg		
Spare 1		
Spare 2		
Spare 3		

WEEKLY INSPECTIONS

Check Fluids	Dates	Sun.	Wed. 12/23
Engine Oil			✓
Transmission			✓
Coolant			✓
Brake/Air Pressure			✓
Power Steering			✓
Wiper Fluid			✓
Battery			✓
Check Battery Terminals/Cables			✓
Check Belts/Hoses			✓
Check Breather Valve/Transmission			✓
Check Front Brakes & Lines			✓
Check Rear Brakes & Lines			✓
Check Suspension/Steering Components			✓
Check Drive Line			✓
Check for any Fluid Leaks/Note			✓
Check Front/Rear Tire Wear/Tread			✓
Check Tire Pressures	LF RF	LF 115 RF 115	
O = Outside	2nd Axle O-LR O-RR	O-LR 115 O-RR 115	
I = Inside	I-LR I-RR	I-LR 115 I-RR 115	
	3rd Axle O-LR O-RR	O-LR 115 O-RR 115	
	I-LR I-RR	I-LR 115 I-RR 115	

* To be performed by Engineers.

	Sun
1. Check Drive Belt/(if applicable)	
2. Check Man./Auto Slack Adjusters	
Air Chambers, Air Lines	
3. Check Drums/Disc, Shoes/Pads	
4. Test Low Air-Pressure Warning	
5. Automatic Spring Brake Set	
6. Rate of Air-Pressure Build up	
7. Test Air Leakage Rate	
8. Check Air-Compressor Governor	
Cut In/Out	
9. Test Parking Brake - 20% grade	
10. Test Service Brake - 20mph/35ft	

Check gauges:	Date:	Sun
Engine RPM		
Temperature		
Fuel		
Volt/Amps		
Check Pump Controls & Indicators		
Inspect/Operate Drain Valves		
Inspected all Intakes/Discharges		
Check Priming Pump Fluid/Operate		
Check Proper Operation of Relief Valve		
Flush & Drain Discharges		
Flush & Refill on 1st Saturday of Month		

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

SUN	MON	TUES	WED	THUR	FRI	SAT
	RM		RM	6		5

Generator
over All Flood
lights tomorrow

GVFD - Daily Vehicle Check

Revised: April 2009

Month/Year: Dec / Jan 10Designator: Tower 15Shop # 3140

Dates:

Sun/Mon, Wed.

Crew 1	<u>Gallagher</u>	<u>MALANOSKY</u>
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)	<u>4312</u>	<u>4313</u>
Fuel Level:	<u>3/4</u>	<u>Full</u>
Warning Lights, Buzzers, etc.	☒	☒
Gauges & Instruments	☒	☒
Oil/Air Pressure	☒	☒
Oil/Transmission Temp.	☒	☒
Coolant Temp.	☒	☒
Electrical: Volts/Amps	☒ <u>13.9</u>	☒ <u>14</u>
Radios/Headsets/Cell Phone/Pager	☒	☒
Clipboard/Paperwork/Maps/Passport	☒	☒
Safety Vest/Brush/Shifts/Fire Shelter	☒	☒
Lights: Running/warning/scene	☒	☒
Code 3 Equipment	☒	☒
Tires/Wheels	☒	☒
10 Step Air Brake Check (see back)	☒	☒
Cab/Hood Tilt-Eng. Inspect (see back)	☒	☒
Water Tank Level	☒	☒
Daily Pump Check	☒	☒
Detailed Pump Check (see back)	☒	☒
Jump Bags (Airway/Trauma/Peds)	☒	☒
O2 Level	☒	☒
Miscellaneous Supplies	☒	☒
Drinking Water	☒	☒
Appliances/Hose 1-3/4", 3", 4", 5"	☒	☒
Hard Suction 4", 6"	☒	☒
Tarp(s)	☒	☒
Portable Water Tank	☒	☒
Low Flow Strainer/Jet Siphon	☒	☒
Tie-down Kit	☒	☒
Gate Valves	☒	☒
Flashlights	☒	☒
Portable Extinguishers (ABC/PW)	☒	☒
Tool Bag/Tools	☒	☒
SCBA/Spare Air Bottles	☒	☒
Weekly SCBA Inspection (see back)	☒	☒
Safety Equipment: Cones, Flares	☒	☒
Wheel Chocks	☒	☒

	Sun.	Wed.
SCBA 1	-	0
SCBA 2	-	
SCBA 3	-	
	-	0
Spare 1	-	0
Spare 2	-	
Spare 3	-	

	Sun.	Wed.
Check Fluids		12/30
Engine Oil		✓
Transmission		✓
Coolant		✓
Brake/Air Pressure		✓
Power Steering		✓
Wiper Fluid		✓
Battery		✓
Check Battery Terminals/Cables		✓
Check Belts/Hoses		✓
Check Breather Valve/Transmission		✓
Check Front Brakes & Lines		✓
Check Rear Brakes & Lines		✓
Check Suspension/Steering Components		✓
Check Drive Line		✓
Check for any Fluid Leaks/Note		✓
Check Front/Rear Tire Wear/Tread		✓
Check Tire Pressures	LF	RF
	2nd Axle	O-LR
		O-RR
		I-LR
		I-RR
	3rd Axle	O-LR
		O-RR
		I-LR
		I-RR

*** To be performed by Engineers.**

	Sun	Mon
1. Check Drive Belt(if applicable)		N/A
2. Check Man./Auto Slack Adjusters		✓
Air Chambers, Air Lines		✓
3. Check Drums/Disc, Shoes/Pads		✓
4. Test Low Air-Pressure Warning		✓
5. Automatic Spring Brake Set		✓
6. Rate of Air-Pressure Build up		✓
7. Test Air Leakage Rate		
8. Check Air-Compressor Governor		
Cut In/Out		
9. Test Parking Brake - 20% grade		
10. Test Service Brake - 20mph/35ft		

	Sun
Check gauges:	Date: 0
Engine RPM	
Temperature	
Fuel	
Volt/Amps	
Check Pump Controls & Indicators	
Inspect/Operate Drain Valves	
Inspect all Intakes/Discharges	
Check Priming Pump Fluid/Operate	
Check Proper Operation of Relief Valve	
Flush & Drain Discharges	
Flush & Refill on 1st Saturday of Month	

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

***** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!**

SUN	MON	TUES	WED	THUR	FRI	SAT
	16		PM		PM	

Month/Year: 01/10 Revised: April 2009
 Designator: TOWER 151
 Dates: Sun. Wed. 01/06

Shop #

Crew/Equipment/Status		
Crew 1		MAHONEY
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)		4366
Fuel Level:		FULL
Cabin/Engine/Tools/Status		
Warning Lights, Buzzers, etc.		✓
Gauges & Instruments		✓
Oil/Air Pressure		✓
Oil/Transmission Temp.		✓
Coolant Temp.		✓
Electrical: Volts/Amps		✓
Radios/Headsets/Coll. Phone/Pager		✓
Clipboard/Paperwork/Maps/Passport		0
Safety Vest/Brush Shirts/Fire Shelter		0
Mechanical		
Lights: Running/warning/scene		✓
Code 3 Equipment		✓
Tires/Wheels		✓
10 Step Air Brake Check (see back)	*	
Cab/Hood Tilt-Eng. Inspect (see back)		✓
Water Tank Level		0
Daily Pump Check		0
Detailed Pump Check (see back)		
Safety/Supplies		
Jump Bags (Airway/Trauma/Peds)		0
O2 Level		↓
Miscellaneous Supplies		
Drinking Water		↓
Fire Equipment		
Appliances/Hose 1-3/4", 3", 4"		✓
Hard Suction 4", 6"		0
Tarp(s)		0
Portable Water Tank		0
Low Flow Strainer/Jet Siphon		0
Tie-down Kit		0
Gate Valves		0
Flashlights		✓
Portable Extinguishers (ABC/PW)		0
Tool Bag/Tools		0
SCBA/Spare Air Bottles		0
Weekly SCBA Inspection (see back)		
Safety Equipment: Cones, Flares		✓
Wheel Chocks		✓

	Sun.	Wed.
SCBA 1		0
SCBA 2		
SCBA 3		
		0
Spare 1		0
Spare 2		
Spare 3		

	Sun.	Wed.
Check Fluids		01/10/00
Engine Oil		✓
Transmission		✓
Coolant		✓
Brake/Air Pressure		✓
Power Steering		✓
Wiper Fluid		✓
Battery		✓
Check Battery Terminals/Cables		✓
Check Belts/Hoses		✓
Check Breather Valve/Transmission		✓
Check Front Brakes & Lines		✓
Check Rear Brakes & Lines		✓
Check Suspension/Steering Components		✓
Check Drive Line		✓
Check for any Fluid Leaks/Note		✓
Check Front/Rear Tire Wear/Tread		✓
Check Tire Pressures	LF RF	LF 130 RF 130
O = Outside	2nd Axle	O-LR O-RR O-LR 130 O-RR 130
I = Inside		I-LR I-RR I-LR 130 I-RR 130
	3rd Axle	O-LR O-RR O-LR 130 O-RR 130
		I-LR I-RR I-LR 130 I-RR 130

*** To be performed by Engineers.**

	Sun
1. Check Drive Belt(if applicable)	
2. Check Man/Auto Slack Adjusters	
Air Chambers, Air Lines	
3. Check Drums/Disc, Shoes/Pads	
4. Test Low Air-Pressure Warning	
5. Automatic Spring Brake Set	
6. Rate of Air-Pressure Build up	
7. Test Air Leakage Rate	
8. Check Air-Compressor Governor	
Cut In/Out	
9. Test Parking Brake - 20% grade	
10. Test Service Brake - 20mph/35ft	

	Sun
Check gauges:	Date:
Engine RPM	
Temperature	
Fuel	
Volt/Amps	
Check Pump Controls & Indicators	
Inspect/Operate Drain Valves	
Inspected all Intakes/Discharges	
Check Printing Pump Fluid/Operate	
Check Proper Operation of Relief Valve	
Flush & Drain Discharges	
Flush & Refill on 1st Saturday of Month	

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

SUN	MON	TUES	WED	THUR	FRI	SAT
	0		RM		RM	0

Month/Year: JAN '10

Revised: April 2009

Designator: TWKS1Shop # 3140

Dates:

Sun. 1/10 Wed. 1/13

Crew 1	MALANOT (Sathere)	
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)	4390	4400
Fuel Level:	718	518
Warning Lights, Buzzers, etc.		
Warning Lights, Buzzers, etc.	✓	✓
Gauges & Instruments	✓	✓
Oil/Air Pressure	✓	✓
Oil/Transmission Temp.	✓	✓
Coolant Temp.	✓	✓
Electrical: Volts/Amps	✓	✓
Radio/Headset/Golf Phone/Bager	✓	✓
Clipboard/Paperwork/Maps/Passport	✓	✓
Safety Vest/Brush Shirt/Fire Shelter	✓	✓
Lighting		
Lights: Running/warning/acene	✓	✓
Code 3 Equipment	✓	✓
Tires/Wheels	✓	✓
10 Step Air Brake Check (see back)	✓	✓
Cab/Hood Tilt-Eng. Inspect (see back)	✓	✓
Water Tank Level	✓	Full
Daily Pump Check	✓	✓
Detailed Pump Check (see back)	✓	✓
Jump Bags/Airway/Trauma/Peds		
Jump Bags/Airway/Trauma/Peds	✓	✓
O2 Level	✓	✓
Miscellaneous Supplies	✓	✓
Drinking Water	✓	✓
Appliances/Hose 1-3/4", 3", 4"		
Appliances/Hose 1-3/4", 3", 4"	✓	✓
Hard Suction 4", 6"	✓	✓
Tarp(s)	✓	✓
Portable Water Tank	✓	✓
LowFlow Strainer/Jet Siphon	✓	✓
Tie-down Kit	✓	✓
Gate Valves	✓	✓
Flashlights	✓	✓
Portable Extinguishers (ABC/PW)	✓	✓
Tool Bag/Tools	✓	✓
SCBA/Spare Air Bottles	✓	✓
Weekly SCBA Inspection (see back)	✓	✓
Safety Equipment: Cones, Flares	✓	✓
Wheel Chocks	✓	✓

1/10 TANK Filled, Pump check
 Intake/Discharge All Good
 Tower Waterway Flowed

SCBA 1	☒	☒
SCBA 2		
SCBA 3		
2nd Axle Air Lines	☒	☒
3rd Axle Air Lines	☒	☒
Spare 1	☒	☒
Spare 2		
Spare 3		

WEEKLY INSPECTIONS

		Sun.	Wed.
Check Fluids	Dates	1/10	
Engine Oil		☒	
Transmission		☒	
Coolant		☒	
Brake/Air Pressure		☒	
Power Steering		☒	
Wiper Fluid		☒	
Battery		☒	
Check Battery Terminals/Cables		☒	
Check Belts/Hoses		☒	
Check Breather Valve/Transmission		☒	
Check Front Brakes & Lines		☒	
Check Rear Brakes & Lines		☒	
Check Suspension/Steering Components		☒	
Check Drive Line		☒	
Check for any Fluid Leaks/Note		☒	
Check Front/Rear Tire Wear/Tread		☒	
Check Tire Pressures	LF 120 RF 120 LF 120 RF 120		
O = Outside	2nd Axle O-LR 120 O-RR 120 O-LR 120 O-RR 120		
I = Inside	I-LR 120 I-RR 120 I-LR 120 I-RR 120		
	3rd Axle O-LR 120 O-RR 120 O-LR 120 O-RR 120		
	I-LR 120 I-RR 120 I-LR 120 I-RR 120		

* To be performed by Engineers.

	Sun
1. Check Drive Belt(if applicable)	☒
2. Check Man./Auto Slack Adjusters	☒
Air Chambers, Air Lines	☒
3. Check Drums/Disc, Shoes/Pads	☒
4. Test Low Air-Pressure Warning	☒
5. Automatic Spring Brake Set	☒
6. Rate of Air-Pressure Build up	☒
7. Test Air Leakage Rate	☒
8. Check Air-Compressor Governor	☒
Cut In/Out	☒
9. Test Parking Brake - 20% grade	☒
10. Test Service Brake - 20mph/35ft	☒

		Sun
Check gauges:	Date: 1/10	
Engine RPM		☒
Temperature		☒
Fuel		☒
Volt/Amps		☒
Check Pump Controls & Indicators		☒
Inspect/Operate Drain Valves		☒
Inspected all Intakes/Discharges		☒
Check Priming Pump Fluid/Operate		☒
Check Proper Operation of Relief Valve		☒
Flush & Drain Discharges		☒
Flush & Refill on 1st Saturday of Month		

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

SUN	MON	TUES	WED	THUR	FRI	SAT
1/10	1/11		1/12			

GVFD - Daily Vehicle Check. TENDER/RESCUE ENGINE

Month/Year: 01/10 Revised: April 2009
 Designator: Tower 151 Shop # 3140
 Dates: Sun. Wed. 1/20

Indicate Switches/Options		
Crew 1	<u>Maloney</u>	<u>Maloney</u>
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)	<u>4400</u>	<u>4400</u>
Fuel Level:	<u>65%</u>	<u>65%</u>
Maintenance		
Warning Lights, Buzzers, etc.	☒	☒
Gauges & Instruments	☒	☒
Oil/Air Pressure	☒	☒
Oil/Transmission Temp.	☒	☒
Coolant Temp.	☒	☒
Electrical: Volts/Amps	☒	☒
Radios/Headsets/Cell Phone/Pager	☒	☒
Clipboard/Paperwork/Maps/Passport	☒	☒
Safety Vest/Brush Shirts/Fire Shelter	☒	☒
Mechanical		
Lights: Running/warning/scene	☒	☒
Code 3 Equipment	☒	☒
Tires/Wheels	☒	☒
10 Step Air Brake Check (see back)	☒	☒
Cab/Hood Tilt-Eng. Inspect (see back)	☒	☒
Water Tank Level	☒	☒
Daily Pump Check	☒	☒
Detailed Pump Check (see back)	☒	☒
EMS/Equipment		
Jump Bags (Airway/Trauma/Peds)	☒	☒
O2 Level	☒	☒
Miscellaneous Supplies	☒	☒
Drinking Water	☒	☒
Fire Equipment		
Appliances/Hose 1-3/4", 3", 4", 5"	☒	☒
Hard Suction 4", 6"	☒	☒
Tarp(s)	☒	☒
Portable Water Tank	☒	☒
LowFlow Strainer/Jet Siphon	☒	☒
Tie-down Kit	☒	☒
Gate Valves	☒	☒
Flashlights	☒	☒
Portable Extinguishers (ABC/PW)	☒	☒
Tool Bag/Tools	☒	☒
SCBA/Spare Air Bottles	☒	☒
Weekly SCBA Inspection (see back)	☒	☒
Safety Equipment: Cones, Flares	☒	☒
Wheel Chocks	☒	☒
Damaged or Missing Equipment		

SCBA Check Dates	Sun.	Wed.
SCBA 1	☒	☒
SCBA 2		
SCBA 3		
Valve Emitters	☒	☒
Spare 1	☒	☒
Spare 2		
Spare 3		

WEEKLY INSPECTION

Check Fluids	Dates	Sun.	Wed.
Engine Oil	1/17	☒	☒
Transmission		☒	☒
Coolant		☒	☒
Brake/Air Pressure		☒	☒
Power Steering		☒	☒
Wiper Fluid		☒	☒
Battery		☒	☒
Check Battery Terminals/Cables		☒	☒
Check Belts/Hoses		☒	☒
Check Breather Valve/Transmission		☒	☒
Check Front Brakes & Lines		☒	☒
Check Rear Brakes & Lines		☒	☒
Check Suspension/Steering Components		☒	☒
Check Drive Line		☒	☒
Check for any Fluid Leaks/Note		☒	☒
Check Front/Rear Tire Wear/Tread		☒	☒
Check Tire Pressures	LF 120 RF 120	LF 120 RF 120	LF 120 RF 120
O = Outside	2nd Axle O-LR 120 O-RR 120	O-LR 120 O-RR 120	O-LR 120 O-RR 120
I = Inside	I-LR 120 I-RR 120	I-LR 120 I-RR 120	I-LR 120 I-RR 120
	3rd Axle O-LR 120 O-RR 120	O-LR 120 O-RR 120	O-LR 120 O-RR 120
	I-LR 120 I-RR 120	I-LR 120 I-RR 120	I-LR 120 I-RR 120

* To be performed by Engineers.

	Sun
1. Check Drive Belt(if applicable)	☒
2. Check Man./Auto Slack Adjusters	☒
Air Chambers, Air Lines	☒
3. Check Drums/Disc; Shoes/Pads	☒
4. Test Low Air-Pressure Warning	☒
5. Automatic Spring Brake Set	☒
6. Rate of Air-Pressure Build up	☒
7. Test Air Leakage Rate	☒
8. Check Air-Compressor Governor	☒
Cut In/Out	☒
9. Test Parking Brake - 20% grade	☒
10. Test Service Brake - 20mph/35ft	☒

Check gauges:	Date:	Sun
Engine RPM		☒
Temperature		☒
Fuel		☒
Volt/Amps		☒
Check Pump Controls & Indicators		☒
Inspect/Operate Drain Valves		☒
Inspected all Intakes/Discharges		☒
Check Priming Pump Fluid/Operate		☒
Check Proper Operation of Relief Valve		☒
Flush & Drain Discharges		☒
Flush & Refill on 1st Saturday of Month		☒

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

SUN	MON	TUES	WED	THUR	FRI	SAT
RM 18		RM	RM			

GVFD - Daily Vehicle Check. TENDER/RESCUE ENGINE

Revised: April 2009

Month/Year: Jan 10Designator: Tower 151Shop # 3140

Dates:

Sun. 1/24 Wed.

Crews/Engineers/Technicians		
Crew 1	<u>Maloney</u>	<u>Gatton</u>
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)	<u>4400</u>	<u>4401</u>
Fuel Level:	<u>1/2</u>	<u>1/2</u>
Cab Controls/Instrument Panel/Engine		
Warning Lights, Buzzers, etc.	☒	☒
Gauges & Instruments	☒	☒
Oil/Air Pressure	☒	☒
Oil/Transmission Temp.	☒	☒
Coolant Temp.	☒	☒
Electrical: Volts/Amps	☒	☒
Radio/Headsets/Cell Phone/Pager	☒	☒
Clipboard/Paperwork/Maps/Passport	☒	☒
Safety Vest/Brush Shirts/Fire Shelter	☒	☒
Vehicle		
Lights: Running/warning/scene	☒	☒
Code 3 Equipment	☒	☒
Tires/Wheels	☒	☒
10 Step Air Brake Check (see back)	☒	☒
Cab/Hood Tilt-Eng. Inspect (see back)	☒	☒
Water Tank Level	☒	☒
Daily Pump Check	☒	☒
Detailed Pump Check (see back)	☒	☒
Miscellaneous		
Jump Bags (Airway/Trauma/Peds)	☒	☒
O2 Level	☒	☒
Miscellaneous Supplies	☒	☒
Drinking Water	☒	☒
Fire Equipment		
Appliances/Hose 1-3/4", 3", 4", 5"	☒	☒
Hard Suction 4", 6"	☒	☒
Tarp(s)	☒	☒
Portable Water Tank	☒	☒
Low Flow Strainer/Jet Siphon	☒	☒
Tie-down Kit	☒	☒
Gate Valves	☒	☒
Flashlights	☒	☒
Portable Extinguishers (ABC/PW)	☒	☒
Tool Bag/Tools	☒	☒
SCBA/Spare Air Bottles	☒	☒
Weekly SCBA Inspection (see back)	☒	☒
Safety Equipment: Cones, Flares	☒	☒
Wheel Chocks	☒	☒

SCBA 1	Sun.	Wed.
SCBA 2		
SCBA 3		
SCBA 4		
SCBA 5		
SCBA 6		
SCBA 7		
SCBA 8		
SCBA 9		
SCBA 10		
SCBA 11		
SCBA 12		
SCBA 13		
SCBA 14		
SCBA 15		
SCBA 16		
SCBA 17		
SCBA 18		
SCBA 19		
SCBA 20		
SCBA 21		
SCBA 22		
SCBA 23		
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SCBA 84		
SCBA 85		
SCBA 86		
SCBA 87		
SCBA 88		
SCBA 89		
SCBA 90		
SCBA 91		
SCBA 92		
SCBA 93		
SCBA 94		
SCBA 95		
SCBA 96		
SCBA 97		
SCBA 98		
SCBA 99		
SCBA 100		

Check Fluids	Sun.	Wed.
Engine Oil	1/24	1/27
Transmission	✓	✓
Coolant	✓	✓
Brake/Air Pressure	✓	✓
Power Steering	✓	✓
Wiper Fluid	✓	✓
Battery	✓	✓
Check Battery Terminals/Cables	✓	✓
Check Belts/Hoses	✓	✓
Check Breather Valve/Transmission	✓	✓
Check Front Brakes & Lines	✓	✓
Check Rear Brakes & Lines	✓	✓
Check Suspension/Steering Components	✓	✓
Check Drive Line	✓	✓
Check for any Fluid Leaks/Note	✓	✓
Check Front/Rear Tire Wear/Tread	✓	✓
Check Tire Pressures	LF 120 RF 120	LF 120 RF 120
O = Outside	2nd Axle O-LR 120 O-RR 120	O-LR 120 O-RR 120
I = Inside	I-LR 120 I-RR 120	I-LR 120 I-RR 120
	3rd Axle O-LR 120 O-RR 120	O-LR 120 O-RR 120
	I-LR 120 I-RR 120	I-LR 120 I-RR 120

*** To be performed by Engineers.**

	Sun
1. Check Drive Belt(if applicable)	✓
2. Check Man./Auto Slack Adjusters	✓
Air Chambers, Air Lines	✓
3. Check Drums/Disc, Shoes/Pads	✓
4. Test Low Air-Pressure Warning	✓
5. Automatic Spring Brake Set	✓
6. Rate of Air-Pressure Build up	✓
7. Test Air Leakage Rate	✓
8. Check Air-Compressor Governor	✓
Cut In/Out	✓
9. Test Parking Brake - 20% grade	✓
10. Test Service Brake - 20mph/35ft	✓

Check gauges:	Date:	Sun
Engine RPM		
Temperature		
Fuel		
Volt/Amps		
Check Pump Controls & Indicators		
Inspect/Operate Drain Valves		
Inspected all Intakes/Discharges		
Check Priming Pump Fluid/Operate		
Check Proper Operation of Relief Valve		
Flush & Drain Discharges		
Flush & Refill on 1st Saturday of Month		

(See Weekly SCBA Inspection Sheet)

Date: N/A Initials: _____

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

SUN	MON	TUES	WED	THUR	FRI	SAT
RM		RM	9	RM	9	

Revised: April 2009

Month/Year: Jan Feb 10

Designator: TWLS

Shop # 3140

Dates:

Sun.

Wed.

Daily Vehicle Inspection		
	Sun.	Wed.
Crew 1	Gatterer	Thomas
Crew 2	Christensen	
Crew 3		
Mileage: (add to E.R. on Sunday)	4413	4413
Fuel Level:	30%	34%
Warning Lights, Buzzers, etc.		
Gauges & Instruments	✓	✓
Oil/Air Pressure	✓	
Oil/Transmission Temp.	✓	
Coolant Temp.	✓	
Electrical: Volts/Amps	✓	
Radios/Headsets/Cell Phone/Pager	✓*	✓
Clipboard/Paperwork/Maps/Passport	✓	✓
Safety Vest/Brush-Shirts/Fire Shelter	✓	✓
Lights: Running/Warning/scene		
Code 3 Equipment	✓	✓
Tires/Wheels	✓	✓
10 Step Air Brake Check (see back)	✓	✓
Cab/Hood Tilt-Eng. Inspect (see back)	✓	✓
Water Tank Level	Full	Full
Daily Pump Check	✓	✓
Detailed Pump Check (see back)	✓	✓
Jump Bags (Airway/Trauma/Peds)		
O2 Level	✓	✓
Miscellaneous Supplies	✓	✓
Drinking Water	✓	✓
Appliances/Hose 1-3/4", 3", 4"		
Hard Suction 4", 6"	✓	✓
Tarp(s)	✓	✓
Portable Water Tank	✓	✓
LowFlow Strainer/Jet Siphon	✓	✓
Tie-down Kit	✓	✓
Gate Valves	✓	✓
Flashlights	✓	✓
Portable Extinguishers (ABC/PW)	✓	✓
Tool Bag/Tools	✓	✓
SCBA/Spare Air Bottles	✓	✓
Weekly SCBA Inspection (see back)	✓	✓
Safety Equipment: Cones, Flares	✓	✓
Wheel Chocks	✓	✓

* VNF still @ Solid.com

SCBA 1	Sun.	Wed.
SCBA 2		
SCBA 3		
Spare 1		
Spare 2		
Spare 3		

WEEKLY INSPECTION

Check Fluids	Dates	Sun.	Wed.
Engine Oil	1/31	✓	✓
Transmission		✓	
Coolant		✓	
Brake/Air Pressure		✓	
Power Steering		✓	
Wiper Fluid		✓	
Battery		✓	
Check Battery Terminals/Cables		✓	
Check Belts/Hoses		✓	
Check Breather Valve/Transmission		✓	
Check Front Brakes & Lines		✓	
Check Rear Brakes & Lines		✓	
Check Suspension/Steering Components		✓	
Check Drive Line		✓	
Check for any Fluid Leaks/Note		✓	
Check Front/Rear Tire Wear/Tread		✓	
Check Tire Pressures	LF 120 RF 120 LF 120 RF 120		
O = Outside	2nd Axle O-LR 120 O-RR 120 O-LR O-RR		
I = Inside	I-LR 120 I-RR 120 I-LR I-RR		
	3rd Axle O-LR 120 O-RR 120 O-LR O-RR		
	I-LR 120 I-RR 120 I-LR I-RR		

* To be performed by Engineers.

	Sun
1. Check Drive Belt (If applicable)	
2. Check Man/Auto Slack Adjusters	✓
Air Chambers, Air Lines	✓
3. Check Drums/Disc, Shoes/Pads	✓
4. Test Low Air-Pressure Warning	✓
5. Automatic Spring Brake Set	✓
6. Rate of Air-Pressure Build up	✓
7. Test Air Leakage Rate	✓
8. Check Air-Compressor Governor Cut In/Out	✓
9. Test Parking Brake - 20% grade	
10. Test Service Brake - 20mph/35ft	

Check gauges:	Date:	Sun 1/31
Engine RPM		✓
Temperature		✓
Fuel		✓
Volt/Amps		✓
Check Pump Controls & Indicators		✓
Inspect/Operate Drain Valves		✓
Inspected all Intakes/Discharges		✓
Check Priming Pump Fluid/Operate		✓
Check Proper Operation of Relief Valve		✓
Flush & Drain Discharges		✓
Flush & Refill on 1st Saturday of Month		

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

1/31 All 512 & Black Vans no "No Load" - Sheaves - Pivot Shaft Bearings - Bushing Gliders - Bolt Retention Gliders etc and - from Lab

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

SUN	MON	TUES	WED	THUR	FRI	SAT
6		PM		PM		

Revised: April 2009

Month/Year: Feb 10

Designator: TW 151

Shop # 3140

Dates:

Sun.

Wed.

Undercar/Suspension/Brakes		
Crew 1	<u>Gather</u>	
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)	<u>4414</u>	
Fuel Level:	<u>27%</u>	
Cab Controls/Instruments/Equipment		
Warning Lights, Buzzers, etc.	☒	
Gauges & Instruments	☒	
Oil/Air Pressure	☒	
Oil/Transmission Temp.	☒	
Coolant Temp.	☒	
Electrical: Volts/Amps	☒	
* Radios/Headsets/Cell Phone/Pager	☒	
Clipboard/Paperwork/Maps/Passport	☒	
Safety Vest/Brush Shirts/Fire Shelter	☒	
Mechanical		
Lights: Running/warning/scene	☒	
Code 3 Equipment	☒	
Tires/Wheels	☒	
10 Step Air Brake Check (see back)	☒	
Cab/Hood Tilt-Eng. Inspect (see back)	☒	
Water Tank Level	<u>Full</u>	
Daily Pump Check	☒	
Detailed Pump Check (see back)	☒	
EMS Equipment		
Jump Bags (Airway/Trauma/Peds)	☒	
O2 Level	☒	
Miscellaneous Supplies	☒	
Drinking Water	☒	
Fire Equipment		
Appliances/Hose 1-3/4", 3", 4"	☒	
Hard Suction 4", 6"	☒	
Tarp(s)	☒	
Portable Water Tank	☒	
LowFlow Strainer/Jet Siphon	☒	
Tie-down Kit	☒	
Gate Valves	☒	
Flashlights	<u>X5</u>	
Portable Extinguishers (ABC/PW)	☒	
Tool Bag/Tools	<u>Q</u>	
SCBA/Spare Air Bottles	<u>Q</u>	
Weekly SCBA Inspection (see back)	☒	
Safety Equipment: Cones, Flares	☒	
Wheel Chocks	<u>12</u>	
Other Equipment		

Daily Inspections Continued

SCBA Checks	Sun.	Wed.
SCBA 1		
SCBA 2		
SCBA 3		
SCBA 4		
SCBA 5		
SCBA 6		
SCBA 7		
SCBA 8		
SCBA 9		
SCBA 10		

WEEKLY INSPECTIONS

Check Fluids	Dates	Sun.	Wed.
Engine Oil		✓	
Transmission		✓	
Coolant		✓	
Brake/Air Pressure		✓	
Power Steering		✓	
Wiper Fluid		✓	
Battery		✓	
Check Battery Terminals/Cables		✓	
Check Belts/Hoses		✓	
Check Breather Valve/Transmission		✓	
Check Front Brakes & Lines		✓	
Check Rear Brakes & Lines		✓	
Check Suspension/Steering Components		✓	
Check Drive Line		✓	
Check for any Fluid Leaks/Note		✓	
Check Front/Rear Tire Wear/Tread		✓	
Check Tire Pressures	LF 122 RF 122	LF 122 RF 122	LF 122 RF 122
O = Outside	2nd Axle O-LR 124 O-RR 120	O-LR 120 O-RR 120	O-LR 120 O-RR 120
I = Inside	I-LR 122 I-RR 120	I-LR 120 I-RR 120	I-LR 120 I-RR 120
	3rd Axle O-LR 124 O-RR 120	O-LR 120 O-RR 120	O-LR 120 O-RR 120
	I-LR 120 I-RR 120	I-LR 120 I-RR 120	I-LR 120 I-RR 120

* To be performed by Engineers.

	Sun
1. Check Drive Belt(if applicable)	N/A
2. Check Man./Auto Slack Adjusters	✓
Air Chambers, Air Lines	✓
3. Check Drums/Disc, Shoes/Pads	✓
4. Test Low Air-Pressure Warning	✓ 050
5. Automatic Spring Brake Set	✓ 050
6. Rate of Air-Pressure Build up	✓
7. Test Air Leakage Rate	✓
8. Check Air-Compressor Governor	✓
Cut In/Out	
9. Test Parking Brake - 20% grade	
10. Test Service Brake - 20mph/35ft	

Check gauges:	Date:	Sun
Engine RPM		
Temperature		
Fuel		
Volt/Amps		
Check Pump Controls & Indicators		
Inspect/Operate Drain Valves		
Inspected all Intakes/Discharges		
Check Priming Pump Fluid/Operate		
Check Proper Operation of Relief Valve		
Flush & Drain Discharges		
Flush & Refill on 1st Saturday of Month		

(See Weekly SCBA Inspection Sheet)

Date: N/A Initials: N/A

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

GVFD - Daily Vehicle Check: TENDER/RESERVE ENGINE

Revised: April 2009

Month/Year: 2/10

Designator: Tw151

Shop # 3140

Dates:

Sun.

Wed.

Apparatus Switch/Out Apparatus		
Crew 1	Gabert	
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)	4414	
Fuel Level:	25%	
Cab/Control/Instrument Panel		
Warning Lights, Buzzers, etc.	✓	
Gauges & Instruments	✓	
Oil/Air Pressure	✓	
Oil/Transmission Temp.	✓	
Coolant Temp.	✓	
Electrical: Volts/Amps	✓	
Radios/Headsets/Cell Phone/Pager	✓	
Clipboard/Paperwork/Maps/Passport	✓	
Safety Vest/Brush Shirts/Fire Shelter	✓	
Mechanical		
Lights: Running/warning/scene	✓	
Code 3 Equipment	✓	
Tires/Wheels	✓	
10 Step Air Brake Check (see back)	* ✓	
Cab/Hood Tilt-Eng. Inspect (see back)	✓	
Water Tank Level	F	
Daily Pump Check	✓	
Detailed Pump Check (see back)	✓	
EMS Equipment		
Jump Bags (Airway/Trauma/Peds)		
O2 Level		
Miscellaneous Supplies		
Drinking Water	✓	
Fire Equipment		
Appliances/Hose 1-3/4", 3", 4"		
Hard Suction 4", 6"	N/A	
Tarp(s)	✓	
Portable Water Tank	N/A	
LowFlow Strainer/Jet Siphon	N/A	
Tie-down Kit	N/A	
Gate Valves	✓	
Flashlights	✓	
Portable Extinguishers (ABC/PW)	✓	
Tool Bag/Tools	N/A	
SCBA/Spare Air Bottles	N/A	
Weekly SCBA Inspection (see back)		
Safety Equipment: Cones, Flares	✓	
Wheel Checks	✓ X2	

HAS PRO ENG
99.9 257

114419

Damaged or Missing Equipment: _____ Note Below and fill in below

SNR 6824

9870 2655

MI 12/101

114420 80651

HAS

3135 7417

Daily Inspections Continued

SCBA/Check	Date	Sun.	Wed.
SCBA 1		N/A	
SCBA 2			
SCBA 3			
Voice Emitter			
Spare Air Bubbles			
Spare 1		N/A	
Spare 2			
Spare 3			

WEEKLY INSPECTIONS

Check Fluids	Dates	Sun.	Wed.
Engine Oil	2/14/10	✓	
Transmission		✓	
Coolant		✓	
Brake/Air Pressure		✓	
Power Steering		✓	
Wiper Fluid		✓	
Battery		✓	
Check Battery Terminals/Cables		✓	
Check Belts/Hoses		✓	
Check Breather Valve/Transmission		✓	
Check Front Brakes & Lines		✓	
Check Rear Brakes & Lines		✓	
Check Suspension/Steering Components		✓	
Check Drive Line		✓	
Check for any Fluid Leaks/Note		✓	
Check Front/Rear Tire Wear/Tread		✓	
Check Tire Pressures	LF 120 RF 120	LF 120 RF 120	LF 120 RF 120
O = Outside	2nd Axle O-LR 120 O-RR 118	O-LR 118 O-RR 120	O-LR 118 O-RR 120
I = Inside	I-LR 116 I-RR 120	I-LR 120 I-RR 116	I-LR 116 I-RR 120
	3rd Axle O-LR 114 O-RR 118	O-LR 118 O-RR 114	O-LR 118 O-RR 114
	I-LR 118 I-RR 120	I-LR 120 I-RR 118	I-LR 118 I-RR 120

* To be performed by Engineers.

	Sun
1. Check Drive Belt(if applicable)	N/A
2. Check Man./Auto Slack Adjusters	✓
Air Chambers, Air Lines	✓
3. Check Drums/Disc, Shoes/Pads	✓
4. Test Low Air-Pressure Warning	✓
5. Automatic Spring Brake Set	✓
6. Rate of Air-Pressure Build up	✓
7. Test Air Leakage Rate	✓
8. Check Air-Compressor Governor	✓
Cut In/Out	
9. Test Parking Brake - 20% grade	
10. Test Service Brake - 20mph/35ft	

Check gauges:	Date:	Sun 2/14
Engine RPM	2/14	✓
Temperature		✓
Fuel		✓
Volt/Amps		✓
Check Pump Controls & Indicators		✓
Inspect/Operate Drain Valves		✓
Inspected all Intakes/Discharges		✓
Check Priming Pump Fluid/Operate		✓
Check Proper Operation of Relief Valve		✓
Flush & Drain Discharges		✓
Flush & Refill on 1st Saturday of Month		

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

GVFD - Daily Vehicle Check: TENDER/RESERVE ENGINE

Revised: April 2009

Month/Year: 2/10

Designator: 1W151

Shop # 3140

Dates:

Sun.

Wed.

Hazard Switches/Buttons		
Crew 1	Thomas	MALONEY
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)	4567	4567
Fuel Level:	V2+	1/2
Cab Controls/Instrument Panel/Equipment		
Warning Lights, Buzzers, etc.		✓
Gauges & Instruments		✓
Oil/Air Pressure		✓
Oil/Transmission Temp.		✓
Coolant Temp.		✓
Electrical: Volts/Amps		✓
Radios/Headsets/Coll. Phone/Pager		✓ * SC Radio?
Clipboard/Paperwork/Maps/Passport		✓
Safety Vest/Brush Shirts/Fire Shelter		0
Mechanical		
Lights/Running/warning/scene		✓
Code 3 Equipment		✓
Tires/Wheels		✓
10 Step Air Brake Check(see back)	*	
Cab/Hood Tilt-Eng. Inspect (see back)		✓
Water Tank Level		0
Daily Pump Check		0
Detailed Pump Check (see back)		
PVS Equipment		
Jump Bags(Airway/Trauma/Peds)		N/A
O2 Level		1
Miscellaneous Supplies		1
Drinking Water		
Fire Equipment		
Appliances/Hose 1-3/4", 3", 4", 5"		✓
Hard Suction 4", 6"		0
Tarp(s)		✓
Portable Water Tank		N/A
LowFlow Strainer/Jet Siphon		
Tie-down Kit		
Gate Valves		
Flashlights		
Portable Extinguishers(ABC/PW)		
Tool Bag/Tools		
SCBA/Spare Air Bottles		
Weekly SCBA Inspection (see back)		
Safety Equipment: Cones, Flares		1.1
Wheel Chocks		✓
Damaged or Missing Equipment		

263hrs

Daily Inspections Continued

SCBA Checked	Dates	Sun.	Wed.
SCBA 1			
SCBA 2			
SCBA 3			
Voltec Emitters			
Spare Air Bongs			
Spare 1			
Spare 2			
Spare 3			

WEEKLY INSPECTIONS

Check Fluids	Dates	Sun.	Wed.
Engine Oil			2/24
Transmission			✓
Coolant			✓
Brake/Air Pressure			✓
Power Steering			✓*
Wiper Fluid			✓
Battery			✓
Check Battery Terminals/Cables			✓
Check Belts/Hoses			✓
Check Breather Valve/Transmission			✓
Check Front Brakes & Lines			✓
Check Rear Brakes & Lines			✓
Check Suspension/Steering Components			✓
Check Drive Line			✓
Check for any Fluid Leaks/Note			✓
Check Front/Rear Tire Wear/Tread			✓
Check Tire Pressures	LF 120 RF 120	LF 120 RF 120	
O = Outside	2nd Axle O-LR 114 O-RR 120	O-LR 115 O-RR 120	
I = Inside	I-LR 120 I-RR 120	I-LR 120 I-RR 120	
	3rd Axle O-LR 120 O-RR 120	O-LR 120 O-RR 120	
	I-LR 120 I-RR 120	I-LR 120 I-RR 120	

* To be performed by Engineers.

	Sun
1. Check Drive Belt(if applicable)	
2. Check Man./Auto Slack Adjusters	
Air Chambers, Air Lines	
3. Check Drums/Disc, Shoes/Pads	
4. Test Low Air-Pressure Warning	
5. Automatic Spring Brake Set	
6. Rate of Air-Pressure Build up	
7. Test Air Leakage Rate	
8. Check Air-Compressor Governor	
Cut In/Out	
9. Test Parking Brake - 20% grade	
10. Test Service Brake - 20mph/35ft	

Check gauges:	Date:	Sun
Engine RPM		
Temperature		
Fuel		
Volt/Amps		
Check Pump Controls & Indicators		
Inspect/Operate Drain Valves		
Inspected all Intakes/Discharges		
Check Priming Pump Fluid/Operate		
Check Proper Operation of Relief Valve		
Flush & Drain Discharges		
Flush & Refill on 1st Saturday of Month		

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

GVFD - Daily Vehicle Check: TENDER/RESERVE ENGINE

Revised: April 2009

Month/Year: 03/10

Designator: TW151

Shop # 3140

Dates:

Sun.

Wed.

Vehicle Status/Information		
Crew 1	<u>MALONEY</u>	
Crew 2		
Crew 3		
Mileage: (add to E.R. on Sunday)	<u>4251</u>	
Fuel Level:	<u>Full</u>	
Checklist/Inspection		
Warning Lights, Buzzers, etc.	☒	
Gauges & Instruments	☒	
Oil/Air Pressure	☒	
Oil/Transmission Temp.	☒	
Coolant Temp.	☒	
Electrical: Volts/Amps	☒	
Radios/Headsets/Cell Phone/Pager	☒	
Clipboard/Paperwork/Maps/Passport	☒	
Safety Vest/Brush Shirts/Fire Shelter	☒	
Mechanical		
Lights: Running/warning/scene	☒	
Code 3 Equipment	☒	
Tires/Wheels	☒	
10 Step Air Brake Check (see back)	☒	
Cab/Hood Tilt-Eng. Inspect (see back)	☒	
Water Tank Level	☒	
Daily Pump Check	☒	
Detailed Pump Check (see back)	☒	
Medical Equipment		
Jump Bags (Airway/Trauma/Peds)	☒	
O2 Level	<u>2200</u>	
Miscellaneous Supplies	☒	
Drinking Water	☒	
Fire Equipment		
Appliances/Hose 1-3/4", 3", 4"	☒	
Hard Suction 4", 6"	☒	
Tarp(s)	☒	
Portable Water Tank	☒	
LowFlow Strainer/Jet Siphon	☒	
Tie-down Kit	☒	
Gate Valves	☒	
Flashlights	☒	
Portable Extinguishers (ABC/PW)	☒	
Tool Bag/Tools	☒	
SCBA/Spare Air Bottles	☒	
Weekly SCBA Inspection (see back)		
Safety Equipment: Cones, Flares	☒	
Wheel Chocks	☒	

Damaged or Missing Equipment

Daily Inspections Continued

SCBA Check	Sun.	Wed.
SCBA 1	☒	
SCBA 2		
SCBA 3		
Welded Inlets	☒	
Spare Air Lines		
Spare 1	☒	
Spare 2		
Spare 3		

WEEKLY INSPECTIONS

Check Fluids	Dates	Sun.	Wed.
Engine Oil	3/28	☒	
Transmission		☒	
Coolant		☒	
Brake/Air Pressure		☒	
Power Steering		☒	
Wiper Fluid		☒	
Battery		☒	
Check Battery Terminals/Cables		☒	
Check Belts/Hoses		☒	
Check Breather Valve/Transmission		☒	
Check Front Brakes & Lines		☒	
Check Rear Brakes & Lines		☒	
Check Suspension/Steering Components		☒	
Check Drive Line		☒	
Check for any Fluid Leaks/Note		☒	
Check Front/Rear Tire Wear/Tread		☒	
Check Tire Pressures	LF 120 RF 120	LF RF	
O = Outside	2nd Axle O-LR/20 O-RR/20	O-LR O-RR	
I = Inside	I-LR/20 I-RR/20	I-LR I-RR	
	3rd Axle O-LR/20 O-RR/20	O-LR O-RR	
	I-LR/20 I-RR/20	I-LR I-RR	

* To be performed by Engineers.

	Sun
1. Check Drive Belt(if applicable)	☒
2. Check Man./Auto Slack Adjusters	☒
Air Chambers, Air Lines	☒
3. Check Drums/Disc, Shoes/Pads	☒
4. Test Low Air-Pressure Warning	☒
5. Automatic Spring Brake Set	☒
6. Rate of Air-Pressure Build up	☒
7. Test Air Leakage Rate	☒
8. Check Air-Compressor Governor	☒
Cut In/Out	☒
9. Test Parking Brake - 20% grade	☒
10. Test Service Brake - 20mph/35ft	☒

Check gauges:	Date:	Sun
Engine RPM	3/28	☒
Temperature		☒
Fuel		☒
Volt/Amps		☒
Check Pump Controls & Indicators		☒
Inspect/Operate Drain Valves		☒
Inspected all Intakes/Discharges		☒
Check Priming Pump Fluid/Operate		☒
Check Proper Operation of Relief Valve		☒
Flush & Drain Discharges		☒
Flush & Refill on 1st Saturday of Month		

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

SUN	MON	TUES	WED	THUR	FRI	SAT
Bm						

GVFD - Daily Vehicle Check: Tower 151

Revised: 3/06/2010

Month/Year: March, 20

Shop #: 3140

Dates: Sun. Mon. Tues. Wed. Thurs. Fri. Sat.

Crew 1				<u>Gather</u>			
Crew 2							
Crew 3							
Crew 4							
Mileage: 1st and 15th				<u>4728</u>			
Engine Hrs: 1st and 15th				<u>284</u>			
Aerial Hours 1st and 15th							
Generator Hours 1st and 15th							
Fuel Level: Capacity: 65 gallons				<u>3/4</u>			
Cab/Control Room/Engine Room/Panel/Instrumentation							
Warning Lights, Buzzers, etc.				✓			
Gauges & Instruments				✓			
Oil/Air Pressure				✓			
Oil/Transmission Temp.				✓			
Coolant Temp.				✓ <u>184</u>			
Electrical: Volts/Amps				✓ <u>19.1</u>			
Radios/Headsets/Cell Phone/Pager				✓			
Clipboard/Paperwork/Maps/Passport				✓			
Safety Vest/Brush Shirts/Fire Shelter				✓			
Survivor Flashlights				✓			
Supra Key / RAD Detector				✓			
Thermal Camera (TIC) Batteries				✓			
Mechanical/Electrical							
Lights: Running/warning/scene				✓			
Code 3 Equipment				✓			
Tires / Wheels				✓			
10 Step Air Brake Check (see back)			*				
Detailed Aerial Check (see pg. 3)			*				
Aerial PTO - #1				✓			
Hydraulic Generator PTO - #2				✓			
Cab / Hood Tilt-Eng. Inspect (see pg. 2)	*			* ✓			
Water Tank Level 300 gallons							
Foam tank Level 30 gallons				✓			
Daily Pump Check							
Detailed Pump Check (see pg. 2)							*
EMS Equipment							
Jump Bags (Airway/Trauma/Peds)				✓			
O2 Level				✓			
ECG Monitor (Weekly Detail Check)				✓			
CEP Drug Box / RSI Drug Box				✓			
Suction Unit				✓			
Miscellaneous Supplies				✓			
Drinking Water				✓			
Other Equipment							
Hand Tools/Wild Land/Appliances				✓			
Engineers Headset/Flashlights				✓			
Portable Extinguishers (ABC/PW)				✓			
Power Tools / Fuel Cans				✓			
Run Power Tools (see back)		*			*		
Tool Bag/Tools/Slim Jim				✓			
Snake Box/Pole				✓			
Foam containers/Eductor				✓			
SCBA/Spare Air Bottles				✓			
Weekly SCBA Inspection (see pg. 2)						*	
RIT Bag / Safety Ropes				✓			

Fire Equipment (Continued)

Safety Equipment: Cones, Flares
Wheel Chocks
Ladders
Portable Monitor w/ chains

				✓			
				✓K2			
				✓			
				✓A			

Daily Inspections

SCBA 1 Captain
SCBA 2 Engineer
SCBA 3 FF #1
SCBA 4 FF #2
SCBA 5
RIC BAG

Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.

Volunteer Shifts

Spare 1
Spare 2
Spare 3
Spare 4
Spare 5
Spare 6

Weekly Inspections

Check Fluids
Engine Oil
Transmission
Coolant
Brake/Air Pressure
Power Steering
Wiper Fluid
Check Battery/Battery
Check Belts/Hoses
Check Breather Valve/Transmission
Check Front Brakes & Lines
Check Rear Brakes and Lines
Check Suspension/Steering Components
Check Drive Line
Check for any Fluid Leaks/Note
Check Front/Rear Tire Wear/Tread

Sun.	Wed.
	3/24
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓

10 Step Air-Brake Check

Tues.
1. Check Man./Auto Slack Adjusters
2. Air Chambers, Air lines
3. Check Drums/Disc, Shoes/Pads
4. Test Low Air-Pressure Warning
5. Automatic Spring Brake Set
6. Rate of Air-Pressure Build up
7. Test Air Leakage Rate
8. Check Air-Compressor Governor
9. Test Parking Brake - 20% grade
10. Test Service Break - 20 mph / 35'

Check Tire Pressures

All at 120
O = Outside
I = Inside

LF	RF	LF 120	RF 120
2nd Axle	O-LR	O-RR	O-LR 120
	I-LR	I-RR	I-LR 120
3rd Axle	O-LR	O-RR	O-LR 120
	I-LR	I-RR	I-LR 120

Hydraulic Generator
Portable Generator
Fan(s)
Circular Saw/Blades
Chain Saw/Inspect Chain
Power plant-Rescue Tool
Inspect Saws-all
Refuel as Needed
Check Maintenance Tag

Mon.	Thurs.

Check gauges:
Engine RPM
Temperature
Fuel
Check Pump Volt/Amps
Inspect/Operate Drain Valves
Inspected all Intakes/Discharges
Check Priming Pump Operation
Check Proper Operation of Relief Valve
Flush & Drain Discharges
1st Sat. of month Flush and Refill Tank
Foam System Check

Date	Sat.

Perform Weekly SCBA Inspections

(See Weekly SCBA Inspection Sheet)
Date: Initials:
Date: Initials:

Weekly Aerial Inspection							
Stabilization System	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Hydraulic Reservoir Level							
Hydraulic leaks							
Ground Jack Control Panel:							
R / L Mid-Ship Stabilizers							
Auxiliary Ground Pads							
Rear Jacks							
Front Cab Jacks							
Stabilizer Interlock Graphic Display							
Audible Warning System							
Aux. Hydraulic Pump							
Hydraulic Transfer / Upper Power							
Turn Table Controls							
Breathing Air System pressure							
Raise / Lower							
Extend / Retract							
360 R / L Full Rotation @ 80 degrees							
Functional Graphic Display Panel							
Boom lights - Alarm Test - Ladder Lights							
PA / PPT Mike							
Turn Table Flood Lights							
Bucket Control Switch							
Safety Override Switch's							
Manual Hydraulic Override Controls							
Pedestal Hydraulic Lines, Any Leaks							
Safety Lines							
Smart Boom Warning System							
Stabilizer Interlock Override							
Rotational Interlock System							
Platform Controls							
Functional Graphic Display Panel							
Bucket Control Power							
Creep Mode/Low range							
Raise / Lower							
Extend / Retract							
Rotation R / L							
Self Leveling System/Emg. Stop/Disable							
Leveling System Override							
Hyd. Reservoir for Leveling System							
Spot / Flood Lights / Ladder Lights							
Panel Light, Alarm Silence							
Manual and Remote Nozzle Controls							
Master Streams, Aux. Discharges							
Water Control Valves							
Platform Folding Egress Ladder							
Stokes Basket Arms, Lifting Eyes							
Breathing Air Gauge and Hook Ups							
Access/Egress Doors							
Hand Tools / Holders							
Waterway Inspection of Ladder							
5 Ladder Sections, Slide Block Paths							
Aerial Extension / Retraction Cylinders							
Water Way Tubes							
Turn Table Hydraulic Lines							
Sheaves and Cables							
Cable Track / Wiring Harness							
Bucket Hydraulic Lines							
Bucket Leveling Cylinders							
Missile Hazardous Environment							

~~Draft~~
GVFD - Daily Vehicle Check: Tower 151

Revised: 3/06/2010

Month/Year: March 10

Shop #: 3140

Dates: Sun. 14 Mon. 15 Tues. 16 Wed. 17 Thurs. 18 Fri. 19 Sat. 20

	Sun. 14	Mon. 15	Tues. 16	Wed. 17	Thurs. 18	Fri. 19	Sat. 20
Crew 1		Gather		Gather			
Crew 2							
Crew 3							
Crew 4							
Mileage: 1st and 15th	4702	4702		4719			
Engine Hrs: 1st and 15th		278		282			
Aerial Hours 1st and 15th		20.5		102.8			
Generator Hours 1st and 15th							
Fuel Level: Capacity: 65 gallons	F	F		7/8			
Vehicle/Equipment							
Warning Lights, Buzzers, etc.	✓	✓		✓			
Gauges & Instruments	✓	✓		✓			
Oil/Air Pressure	✓	✓		✓			
Oil/Transmission Temp.	✓	✓		✓			
Coolant Temp.	✓	✓		✓			
Electrical: Volts/Amps	✓	✓		✓			
Radios/Headsets/Cell Phone/Pager	✓	✓		✓			
Clipboard/Paperwork/Maps/Passport	/	/		/			
Safety Vest/Brush Shirts/Fire Shelter	/	/		/			
Survivor Flashlights	X4	X4		X4			
Supra Key / RAD Detector	/	/		/			
Thermal Camera (TIC) Batteries	✓	✓		✓			
Vehicle/Equipment							
Lights: Running/warning/scene	✓	✓		✓			
Code 3 Equipment	✓	✓		✓			
Tires / Wheels	✓	✓		✓			
10 Step Air Brake Check (see back)			*				
Detailed Aerial Check (see pg. 3)			*				
Aerial PTO - #1	✓						
Hydraulic Generator PTO - #2	✓			✓			
Cab / Hood Tilt-Eng. Inspect (see pg. 2)	* ✓			* ✓			
Water Tank Level 300 gallons	N/A	N		N/A			
Foam tank Level 30 gallons	F	F		F			
Daily Pump Check	✓			-			
Detailed Pump Check (see pg. 2)							*
EMS/Equipment							
Jump Bags(Airway/Trauma/Peds)	/	/		/			
O2 Level	/	/		/			
ECG Monitor (Weekly Detail Check)	/	/		/			
CEP Drug Box / RSI Drug Box	/	/		/			
Suction Unit	/	/		/			
Miscellaneous Supplies	/	/		/			
Drinking Water	/	/		/			
Fire/Equipment							
Hand Tools/Wild Land/Appliances							
Engineers Headset/Flashlights	✓4	✓4		X4			
Portable Extinguishers(ABC/PW)	✓	✓		✓			
Power Tools / Fuel Cans	✓	✓		✓			
Run Power Tools (see back)			*			*	
Tool Bag/Tools/Slim Jim	/	/		/			
Snake Box/Pole	/	/		/			
Foam containers/Eductor	/	/		/			
SCBA/Spare Air Bottles	/	/		/			
Weekly SCBA Inspection (see pg. 2)							*
RIT Bag / Safety Ropes	/	/		/			
Air/Gas Monitor (check chrono on Fri)	/	/		/			

EQUIPMENT CONTROLS							
Safety Equipment: Cones, Flares	✓	✓		✓			
Wheel Chocks	✓	✓		X2			
Ladders	✓	✓		✓			
Portable Monitor w/ chains	✓	✓		✓			

Daily Inspection Controls								
SCBA	Date	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.

SCBA 1	Captain							
SCBA 2	Engineer							
SCBA 3	FF #1							
SCBA 4	FF #2							
SCBA 5								
RIC BAG								

WEEKLY INSPECTIONS									
SCBA	Date	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	

Spare 1								
Spare 2								
Spare 3								
Spare 4								
Spare 5								
Spare 6								

WEEKLY INSPECTIONS									
SCBA		Sun.		Wed.					

Check Fluids	Date	3/14	3/17					
Engine Oil		✓	✓					
Transmission			✓					
Coolant		✓	✓					
Brake/Air Pressure		✓	✓					
Power Steering		✓	✓					
Wiper Fluid		✓	✓					
Check Battery/Battery		✓	✓					
Check Belts/Hoses		✓	✓					
Check Breather Valve/Transmission		✓	✓					
Check Front Brakes & Lines		✓	✓					
Check Rear Brakes and Lines		✓	✓					
Chk Suspension/Steering Components		✓	✓					
Check Drive Line		✓	✓					
Check for any Fluid Leaks/Note		✓	✓					
Check Front/Rear Tire Wear/Tread		✓	✓					

Check Tire Pressures	LF 120	RF 120	LF 120	RF 120				
All at 120	2nd Axle	O-LR 120	O-RR 120	O-LR 120	O-RR 120			
O = Outside		I-LR 120	I-RR 120	I-LR 120	I-RR 120			
I = Inside	3rd Axle	O-LR 120	O-RR 120	O-LR 120	O-RR 120			
		I-LR 120	I-RR 120	I-LR 120	I-RR 120			

DAILY INSPECTIONS CONTROLS							
SCBA	Date	Sat.					

Check gauges:	Date	Sat.					
Engine RPM							
Temperature							
Fuel							
Check Pump Volt/Amps							
Inspect/Operate Drain Valves							
Inspected all Intakes/Discharges							
Check Priming Pump Operation							
Check Proper Operation of Relief Valve							
Flush & Drain Discharges							
1st Sat. of month Flush and Refill Tank							
Foam System Check							

10 Step Air-Brake Check	Tues.
1. Check Drive Belt (if applicable)	NA
2. Check Man/Auto Slack Adjusters	
Air Chambers, Air Lines	
3. Check Drums/Disc, Shoes/Pads	
4. Test Low Air-Pressure Warning	70psi ✓
5. Automatic Spring Brake Set	42psi ✓
6. Rate of Air-Pressure Build up	55psi ✓
7. Test Air Leakage Rate	✓
8. Check Air-Compressor Governor	✓
Cut In/Out	
9. Test Parking Brake 20% grade	
10. Test Service Brake 20 mph 235'	

Hydraulic Generator	Mon.	Thurs.
Portable Generator		
Fan(s)		
Circular Saw/Blades		
Chain Saw/Inspect Chain		
Power plant-Rescue Tool		
Inspect Saws-all		
Refuel as Needed		
Check Maintenance Tag		
Inspect Ladders/Halyards/Locks/etc.	Thurs.	

Perform Weekly SCBA Inspections	
(See Weekly SCBA Inspection Sheet)	
Date:	Initials:
Date:	Initials:

*Roll Hydraulic
Breathing Air Bottle*

Bucket - Position Valve open

Weekly Aerial Inspection	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Stabilization System							
Hydraulic Reservoir Level							
Hydraulic leaks							
Ground Jack Control Panel:							
R / L Mid-Ship Stabilizers							
Auxiliary Ground Pads							
Rear Jacks							
Front Cab Jacks							
Stabilizer Interlock Graphic Display							
Audible Warning System							
Aux. Hydraulic Pump							
Hydraulic Transfer / Upper Power							
Turn Table Controls							
Raise / Lower							
Extend / Retract							
360 R / L Full Rotation @ 80 degrees							
Functional Graphic Display Panel							
Boom lights - Alarm Test - Ladder Lights							
PA / PPT Mike							
Turn Table Light							
Bucket Control Switch							
Safety Override Switch's							
Manual Hydraulic Override Controls							
Pedestal Hydraulic Lines, Any Leaks							
Safety Lines							
Smart Boom Warning System							
Stabilizer Interlock Override							
Rotational Interlock System							
Platform Controls							
Functional Graphic Display Panel							
Bucket Control Power							
Creep Mode/Low range							
Raise / Lower							
Extend / Retract							
Rotation R / L							
Self Leveling System/Emerg. Stop/Disable							
Leveling System Override							
Hyd. Reservoir for Leveling System							
Spot / Flood Lights / Ladder Lights							
Panel Light, Alarm Silence							
Manual and Remote Nozzle Controls							
Master Stream, 2.5", and							
Water Curtain Valves							
Platform Folding Egress Ladder							
Stokes Basket Arms, Lifting Eyes							
Breathing Air Gauge and Hook Ups							
Access/Egress Doors							
Hand Tools / Holders							
Visual Inspection							
5 Ladder Sections, Slide Block Paths							
Aerial Extension / Retraction Cylinders							
Water Way Tubes							
Turn Table Hydraulic Lines							
Sheaves and Cables							
Cable Track / Wiring Harness							
Bucket Hydraulic Lines							
Bucket Leveling Cylinders							
Missing Components							

GVFD - Daily Vehicle Check: ENGINE

Revised: 04/2007

Month/Year: 3/10

Designator: TW/SL

Shop #: 3140

Dates:

Sun.

Mon.

Tues.

Wed. 3/3

Thurs.

Fri.

Sat.

	Sun.	Mon.	Tues.	Wed. <u>3/3</u>	Thurs.	Fri.	Sat.
Initials: Switchboard/ Apparatus							
Crew 1				<u>Maloney Gathorn</u>			
Crew 2							
Crew 3							
Crew 4							
Mileage: (add to E.R. on Sunday)							
Fuel Level:				<u>Full</u>	<u>Full</u>		
Cab Contents/Instruments/Panel/Alarm/Signal							
Warning Lights, Buzzers, etc.				✓	✓		
Gauges & Instruments				✓	✓		
Oil/Air Pressure				✓	✓		
Oil/Transmission Temp.				✓	✓		
Coolant Temp.				✓	✓		
Electrical: Volts/Amps				✓	✓		
Radios/Headsets/Cel Phone/Pager				✓	✓		
Clipboard/Paperwork/Maps/Passport				✓	✓		
Safety Vest/Brush Shirts/Fire Shelter				✓	✓		
Survivor Flashlights				✓	✓		
Supra Key/RAD Detector				✓	✓		
Thermal Camera (TIC) Batteries				✓	✓		
Mechanical							
Lights: Running/warning/scene				✓	✓		
Code 3 Equipment				✓	✓		
Tires/Wheels				✓	✓		
10 Step Air Brake Check (see back)							
Cab/Hood Tilt-Eng. Inspect (see back)				✓			
Water Tank Level				✓	✓		
Daily Pump Check				✓	✓		
Detailed Pump Check (see back)							
EMS Equipment							
Jump Bags (Airway/Trauma/Peds)				✓	✓		
O2 Level				✓	✓		
ECG Monitor (Weekly Detail Check)				✓	✓		
CEP Drug Box/RSI Drug Box				✓	✓		
Suction Unit				✓	✓		
Miscellaneous Supplies				✓	✓		
Drinking Water				✓	✓		
Fire Equipment							
Hand Tools/Wild Land/ Appliances				✓	✓		
Engineers Headset/Flashlights				✓	✓		
Portable Extinguishers (ABC/PW)				✓	✓		
Power Tools / Fuel Cans				✓	✓		
Run Power Tools (see back)							
Tool Bag/Tools/Stim Jim				✓	✓		
Snake Box/Pole				✓	✓		
Foam containers/Eductor				✓	✓		
SCBA/Spare Air Bottles				✓	✓		
Weekly SCBA Inspection (see back)							
RIT Bag / Safety Ropes				✓	✓		
Air/Gas Monitor (check charge on Fri.)				✓	✓		
Safety Equipment: Cones, Flares				✓	✓		
Wheel Chocks				✓	✓		
Ladders				✓	✓		
Portable Monitor w/ chains				✓	✓		
Damaged or Missing Equipment							

Daily Inspections Continued

ENGINE

Date	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SCBA 1				0	0		
SCBA 2							
SCBA 3							
SCBA 4							
SCBA 5							
SCBA 6							
Welding Equipment				0	0		
Spare 1				0	0		
Spare 2							
Spare 3							
Spare 4							
Spare 5							
Spare 6							

WEEKLY INSPECTIONS

Check Fluids

Date	Sun.	Wed.
Engine Oil		3/3
Transmission		✓
Coolant		✓
Brake/Air Pressure		✓
Power Steering		✓
Wiper Fluid		✓
Battery		✓
Check Battery Terminals/Cables		✓
Check Belts/Hoses		✓
Check Breather Valve/Transmission		✓
Check Front Brakes & Lines		✓
Check Rear Brakes and Lines		✓
Check Suspension/Steering Components		✓
Check Drive Line		✓
Check for any Fluid Leaks/Note		✓
Check Front/Rear Tire Wear/Tread		✓

Check Tire Pressures	LF	RF	LF 130	RF 130
O = Outside	O-LR	O-RR	O-LR 130	O-RR 130
I = Inside	I-LR	I-RR	I-LR 130	I-RR 130

* To be performed by Engineers.

Tues.
1. Check Drive Belt (if applicable)
2. Check Man/Auto Slack Adjusters
3. Check Drums/Disc, Shoes/Pads
4. Test Low Air-Pressure Warning
5. Automatic Spring Brake Set
6. Rate of Air-Pressure Build up
7. Test Air Leakage Rate
8. Check Air-Compressor Governor
Cut In/Out
9. Test Parking Brake - 20% grade
10. Test Service Brakes - 20mph/35ft

Mon.	Thurs.
Generator(s)	
Fan(s)	
Circular Saw/Blades	
Chain Saw/Inspect Chain	
Powerplant-Rescue Tool	
Inspect Saws-all	
Refuel as Needed	
Check Maintenance Tag	

Daily Pump Check		Sat.
Check gauges:	Date:	
Engine RPM		
Temperature		
Fuel		
Volt/Amps		
Check Pump Controls & Indicators		
Inspect/Operate Drain Valves		
Inspected all Intakes/Discharges		
Check Priming Pump Fluid/Operate		
Check Proper Operation of Relief Valve		
Flush & Drain Discharges		
Flush Tank and Refill		

Thurs.
Inspect Ladder Racks
Inspect Ladders/Halyards/Locks/etc.

Friday Inspections:
(See Weekly SCBA Inspection Sheet)
Date: _____ Initials: _____
Date: _____ Initials: _____

GVFD - Daily Vehicle Check: TENDER/RESERVE ENGINE

Revised: April 2009

Month/Year: 3/10

Designator: TW 151

Shop # 3140

Dates:

Sun. 7

Wed. 10

Initials/Signature/Date		
Crew 1	<u>Thelma</u>	
Crew 2	<u>Flores</u>	
Crew 3		
Mileage: (add to E.R. on Sunday)	<u>4677</u>	<u>4677</u>
Fuel Level:	<u>7/8</u>	<u>3/8</u>
Engine Controls/Instrumentation and Gauges		
Warning Lights, Buzzers, etc.	☒	☒
Gauges & Instruments	☒	☒
Oil/Air Pressure	☒	☒
Oil/Transmission Temp.	☒	☒
Coolant Temp.	☒	☒
Electrical: Volts/Amps	☒	☒
Radios/Headsets/Cell Phone/Pager	☒	☒
Clipboard/Paperwork/Maps/Passport	☒	☒
Safety Vest/Brush Shirts/Fire Shelter	☒	☒
Mechanics		
Lights: Running/warning/scene	☒	☒
Code 3 Equipment	☒	☒
Tires/Wheels	☒	☒
10 Step Air Brake Check (see back)	☒	☒
Cab/Hood Tilt-Eng. Inspect (see back)	☒	☒
Water Tank Level	☒	☒
Daily Pump Check	☒	☒
Detailed Pump Check (see back)	☒	☒
EMS Equipment		
Jump Bags (Airway/Trauma/Peds)	☒	☒
O2 Level	☒	☒
Miscellaneous Supplies	☒	☒
Drinking Water	☒	☒
Fire Equipment		
Appliances/Hose 1-3/4", 3", 4"	☒	☒
Hard Suction 4", 6"	☒	☒
Tarp(s)	☒	☒
Portable Water Tank	☒	☒
LowFlow Strainer/Jet Siphon	☒	☒
Tie-down Kit	☒	☒
Gate Valves	☒	☒
Flashlights	☒	☒
Portable Extinguishers (ABC/PW)	☒	☒
Tool Bag/Tools	☒	☒
SCBA/Spare Air Bottles	☒	☒
Weekly SCBA Inspection (see back)	☒	☒
Safety Equipment: Cones, Flares	☒	☒
Wheel Chocks	☒	☒
Data added to vehicle equipment		

Daily Inspections Continued

SCBA Check	Dates	Sun.	Wed.
SCBA 1			
SCBA 2			
SCBA 3			
Voice/Engine			
Spare Air Bottles			
Spare 1			
Spare 2			
Spare 3			

WEEKLY INSPECTIONS

Check Fluids	Dates	Sun.	Wed.
Engine Oil		✓	✓
Transmission			
Coolant			✓
Brake/Air Pressure			✓
Power Steering			
Wiper Fluid			✓
Battery			✓
Check Battery Terminals/Cables			✓
Check Belts/Hoses			✓
Check Breather Valve/Transmission			✓
Check Front Brakes & Lines			✓
Check Rear Brakes & Lines			✓
Check Suspension/Steering Components			✓
Check Drive Line			✓
Check for any Fluid Leaks/Notes			✓
Check Front/Rear Tire Wear/Tread		✓	✓
Check Tire Pressures			
O = Outside			
I = Inside			
2nd Axle			
O-LR		O-RR	O-LR 120
I-LR		I-RR	I-LR 120
3rd Axle			
O-LR		O-RR	O-LR 120
I-LR		I-RR	I-RR 120

* To be performed by Engineers.

	Sun
1. Check Drive Belt(if applicable)	✓
2. Check Man./Auto Slack Adjusters	
Air Chambers, Air Lines	
3. Check Drums/Disc, Shoes/Pads	
4. Test Low Air-Pressure Warning	
5. Automatic Spring Brake Set	
6. Rate of Air-Pressure Build up	
7. Test Air Leakage Rate	
8. Check Air-Compressor Governor	
Cut In/Out	✓
9. Test Parking Brake - 20% grade	
10. Test Service Brake - 20mph/35ft	

Detailed Pump Checks	Sun
Check gauges:	Date:
Engine RPM	
Temperature	
Fuel	
Volt/Amps	
Check Pump Controls & Indicators	
Inspect/Operate Drain Valves	
Inspected all Intakes/Discharges	
Check Priming Pump Fluid/Operate	
Check Proper Operation of Relief Valve	
Flush & Drain Discharges	
Flush & Refill on 1st Saturday of Month	

(See Weekly SCBA Inspection Sheet)

Date: _____ Initials: _____

*** TENDERS/RESERVE ENGINES WILL BE RUN AND EXERCISED EVERYDAY!!!

- Proposed Check Sheet -

GVFD - Daily Vehicle Check: Tower 151

Revised: 2/27/2010

Month/Year: 3/10

Designator: Twr 151

Shop #: 3140

Dates:

Sun.

Mon.

Tues.

Wed.

Thurs.

Fri.

Sat.

Crew 1					Mahoney	Gatterer		Gatterer
Crew 2								
Crew 3								
Crew 4								
Mileage:	1st and 15th					4657		4657
Engine Hrs:	1st and 15th					270		270
Aerial Hours	1st and 15th					102.6		102.6
Generator Hours	1st and 15th	///	///		///	///	///	///
Fuel Level: Capacity: 65 gallons					Full	Full		Full
Warning Lights, Buzzers, etc.					✓	✓		✓
Gauges & Instruments					✓	✓		✓
Oil/Air Pressure					✓	✓		✓
Oil/Transmission Temp.					✓	✓		✓
Coolant Temp.					✓	✓		✓
Electrical: Volts/Amps					✓	✓		✓
Radios/Headsets/Cell/Phone/Pager					✓	✓		✓
Clipboard/Paperwork/Maps/Passport					0	0		0
Safety Vest/Brush Shirts/Fire Shelter					0	0		0
Survivor Flashlights					✓ x4	✓ x4		✓ x4
Supra Key / RAD Detector					0	0		0
Thermal Camera (TIC) Batteries					✓	✓		✓
Lights: Running/warning/scene					✓	✓		✓
Code 3 Equipment					✓	✓		✓
Tires / Wheels					✓	✓		✓
10 Step Air Brake Check (see back)			*					
Detailed Aerial Check (see back)			*					
Aerial PTO - #1						✓		✓
Hydraulic Generator PTO - #2						✓		✓
Cab / Hood Tilt-Eng. Inspect (see back)	*			*				
Water Tank Level 300 gallons					0	0		0
Foam tank Level 30 gallons					F	F		F
Daily Pump Check					—	—		✓
Detailed Pump Check (see back)								*
Jump Bags (Airway/Trauma/Peds)								
O2 Level								
ECG Monitor (Weekly Detail Check)					0	0		
CEP Drug Box / RSI Drug Box					0	0		
Suction Unit								
Miscellaneous Supplies								
Drinking Water						✓		
Hand Tools/Wild Land/Appliances					0	0		0
Engineers Headset/Flashlights					✓	✓		✓
Portable Extinguishers (ABC/PW)								✓✓
Power Tools / Fuel Cans					0	0		0
Run Power Tools (see back)	*			*				
Tool Bag/Tools/Slim Jim					0	0		0
Snake Box/Pole					0	0		0
Foam containers/Eductor					0	0		0
SCBA/Spare Air Bottles					0	0		0
Weekly SCBA Inspection (see back)							*	
RIT Bag / Safety Ropes					✓	✓		✓
Air/Gas Monitor (check charge on Fri.)					0	0		0

EQUIPMENT MAINTENANCE							
Safety Equipment: Cones, Flares				✓	✓	✓	
Wheel Chocks				✓	✓	✓	
Ladders				✓	✓		
Portable Monitor w/ chains				0	0	0	

DAILY INSPECTIONS CONTINUED

SCBA Checks	Date	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SCBA 1 Captain					0	0	0	
SCBA 2 Engineer							0	
SCBA 3 FF #1							0	
SCBA 4 FF #2							0	
SCBA 5							0	
RIC BAG							0	
WATER ENGINE					0	0	0	
SPARE AIR DRUMS					0	0	0	
Spare 1					0	0	0	
Spare 2							0	
Spare 3							0	
Spare 4							0	
Spare 5							0	
Spare 6							0	

WEEKLY INSPECTIONS

Check Fluids	Date	Sun.	Wed.	Tues.
Engine Oil			3/3	
Transmission			✓	
Coolant			✓	
Brake/Air Pressure			✓	
Power Steering			✓	
Wiper Fluid			✓	
Check Battery Battery			✓	
Check Belts/Hoses			✓	
Check Breather Valve/Transmission			✓	
Check Front Brakes & Lines			✓	
Check Rear Brakes and Lines			✓	
Check Suspension/Steering Components			✓	
Check Drive Line			✓	
Check for any Fluid Leaks/Note			✓	
Check Front/Rear Tire Wear/Tread			✓	

10 Step Air-Brake Check

1. Check Drive Belt (if applicable)
2. Check Man./Auto Slack Adjusters
Air Chambers, Air lines
3. Check Drums/Disc, Shoes/Pads
4. Test Low Air-Pressure Warning
5. Automatic Spring Brake Set
6. Rate of Air-Pressure Build up
7. Test Air Leakage Rate
8. Check Air-Compressor Governor
Cut In/Out
9. Test Parking Brake - 20% grade
10. Test Service Break - 20 mph / 35'

Check Tire Pressures	LF	RF	LF	RF
2nd Axle	O-LR	O-RR	O-LR	O-RR
	I-LR	I-RR	I-LR	I-RR
3rd Axle	O-LR	O-RR	O-LR	O-RR
	I-LR	I-RR	I-LR	I-RR

O = Outside
I = Inside

	Mon.	Thurs.
Hydraulic Generator		
Portable Generator		
Fan(s)		
Circular Saw/Blades		
Chain Saw/Inspect Chain		
Power plant-Rescue Tool		
Inspect Saws-all		
Refuel as Needed		

DAILY MAINTENANCE

Check gauges:	Date	Sat.	Thurs.
Engine RPM			
Temperature			
Fuel			
Check Pump (Volt/Amps)			
Inspect/Operate Drain Valves			
Inspected all Intakes/Discharges			
Check Priming Pump Operation			
Check Proper Operation of Relief Valve			
Flush & Drain Discharges			
1st Sat. of month Flush and Refill Tank			
Foam System Check			

Check Maintenance Tag

Inspect Ladders

Inspect Ladders/Halyards/Locks/etc.

Perform Weekly SCBA Inspections

(See Weekly SCBA Inspection Sheet)

Date: Initials:

Date: Initials:

Weekly Maintenance Checklist							
System / Component	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri. ?	Sat.
Hydraulic Reservoir Level							
Hydraulic leaks							
Ground Jack Control Panel:							
R / L Mid-Ship Stabilizers							
Auxiliary Ground Pads							
Rear Jacks							
Front Cab Jacks							
Stabilizer Interlock Graphic Display							
Audible Warning System							
Aux. Hydraulic Pump							
Hydraulic Transfer / Upper Power							
Turn Table Controls							
Raise / Lower							
Extend / Retract							
360 R / L Full Rotation @ 80 degrees							
Functional Graphic Display Panel							
Boom lights - Alarm Test - Ladder Lights							
PA / PPT Mike							
Turn Table Light							
Bucket Control Switch							
Safety Override Switch's							
Manual Hydraulic Override Controls							
Pedestal Hydraulic Lines, Any Leaks							
Safety Lines							
Smart Boom Warning System							
Stabilizer Interlock Override							
Rotational Interlock System							
Platform Controls							
Functional Graphic Display Panel							
Bucket Control Power							
Creep Mode/Low range							
Raise / Lower							
Extend / Retract							
Rotation R / L							
Self Leveling System/Emg. Stop/Disable							
Leveling System Override							
Hyd. Reservoir for Leveling System							
Spot / Flood Lights / Ladder Lights							
Panel Light, Alarm Silence							
Manual and Remote Nozzle Controls							
Master Stream, 2.5", and							
Water Curtain Valves							
Platform Folding Egress Ladder							
Stokes Basket Arms, Lifting Eyes							
Breathing Air Gauge and Hook Ups							
Access/Egress Doors							
Hand Tools / Holders							
Waterway Section							
5 Ladder Sections, Slide Block Paths							
Aerial Extension / Retraction Cylinders							
Water Way Tubes							
Turn Table Hydraulic Lines							
Sheaves and Cables							
Cable Track / Wiring Harness							
Bucket Hydraulic Lines							
Bucket Leveling Cylinders							
Warning System							

GVFD - Daily Vehicle Check: Tower 151

Revised: 4/4/2010

DETAILED
TURN IN DATE + TOP

Month/Year: _____

Shop #: 3140

Dates:	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Crew 1	MILLER	Canaduran		Canaduran		Canaduran	
Crew 2			MANNY		ZAVIA		ZAVIA
Crew 3			MILLER				
Crew 4							
Mileage: 1st and 15th	6782	6782		6790	6790	6790	6809
Engine Hrs: 1st and 15th	597	591		593	593	593	595
Aerial Hours 1st and 15th	2171		2171				
Generator Hours 1st and 15th			511.4				
Fuel Level: Capacity: 65 gallons	FULL	7/8	FULL	13/16	3/4	3/4	F
Car Controls/Instrument Panel							
Warning Lights, Buzzers, etc.	✓	✓	✓	✓	✓	✓	✓
Gauges & Instruments	✓	✓	✓	✓	✓	✓	✓
Oil/Air Pressure	50/110	✓	✓	✓	✓	✓	✓
Oil/Transmission Temp.	✓	✓	✓	✓	✓	✓	✓
Coolant Temp.	✓	✓	✓	✓	✓	✓	✓
Electrical: Volts/Amps	✓	✓	✓	✓	✓	✓	✓
Radios/Headsets/Cat Phone/Pager	✓	✓	✓	✓	✓	✓	✓
Clipboard/Paperwork/Maps/Passport	✓	✓	✓	✓	✓	✓	✓
Safety Vest/Brush Shirts/Fire Shelter	✓	✓	✓	✓	✓	✓	✓
Survivor Flashlights	✓x4	✓x4	✓x4	✓x4	✓	✓x4	✓
Supra Key / RAD Detector	✓	✓	✓	✓	✓	✓	✓
Thermal Camera (TIC) Batteries	✓	✓	✓	✓	✓	✓	✓
Mechanical/Electrical							
Lights: Running/warning/scene	✓	✓	✓	✓	✓	✓	✓
Code 3 Equipment	✓	✓	✓	✓	✓	✓	✓
Tires / Wheels	✓	✓	✓	✓	✓	✓	✓
10 Step Air Brake Check (see back)			✓				
Detailed Aerial Check (see pg. 3)			✓				
Aerial PTO - #1	✓	✓	✓	✓	✓	✓	✓
Hydraulic Generator PTO - #2	✓	✓	✓	✓	✓	✓	✓
Cab / Hood Tilt-Eng. Inspect (see pg. 2)	✓			✓			
Water Tank Level 300 gallons	FULL	FULL	FULL	FULL	F	FULL	F
Foam tank Level 30 gallons	FULL	FULL	FULL	FULL	F	FULL	F
Daily Pump Check	✓	✓	✓	✓	✓	✓	✓
Detailed Pump Check (see pg. 2)							✓
EMS Equipment							
Jump Bags(Airway/Trauma/Peds)	✓	✓	✓	✓	✓	✓	✓
O2 Level	1800	1800	1800	1800	2000	2000	2000
ECG Monitor (Weekly Detail Check)	✓	✓	✓	✓	✓	✓	✓
CEP Drug Box / RSI Drug Box	✓	✓	✓	✓	✓	✓	✓
Suction Unit	✓	✓	✓	✓	✓	✓	✓
Miscellaneous Supplies	✓	✓	✓	✓	✓	✓	✓
Drinking Water	✓	✓	✓	✓	✓	✓	✓
FIRE Equipment							
Hand Tools/Wild Land/Appliances	✓	✓	✓	✓	✓	✓	✓
Engineers Headset/Flashlights	✓	✓	✓	✓	✓	✓	✓
Portable Extinguishers(ABC/PW)	✓	✓	✓	✓	✓	✓	✓
Power Tools / Fuel Cans	✓	✓	✓	✓	✓	✓	✓
Run Power Tools (see back)							
Tool Bag/Tools	✓	✓	✓	✓	✓	✓	✓
Snake Box/Pole	✓	✓	✓	✓	✓	✓	✓
Foam containers/Eductor	✓	✓	✓	✓	✓	✓	✓
SCBA/Spare Air Bottles	✓	✓	✓	✓	✓	✓	✓
Weekly SCBA Inspection (see pg. 2)							
RIT Bag / Safety Ropes	✓	✓	✓	✓	✓	✓	✓
Air/Gas Monitor (check charge on Fri.)	✓	✓	✓	✓	✓	✓	✓

FIRE EQUIPMENT CONTINUED									
Safety Equipment: Cones, Flares		✓	✓	✓	✓	✓	✓	✓	✓
Wheel Chocks		✓	✓	✓	✓	✓	✓	✓	✓
Ladders		✓	✓	✓	✓	✓	✓	✓	✓
Portable Monitor w/ chains		✓	✓	✓	✓	✓	✓	✓	✓
SCBA CHECKS		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	
SCBA 1	Captain	4500	4500		4500	4500	*4500	4500	
SCBA 2	Engineer	4500	4500		4500	4500	*4500	4500	
SCBA 3	FF #1	4500	4500		4500	4500	*4500	4500	
SCBA 4	FF #2	4400	4400		4400	4400	*4500	4500	
RIC BAG			SEE H				*		
Voice Emitters		2 *	2 SLAS		4	4	4	4	
SPARE AIR BOTTLES		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	
Spare 1		4400	4400		4400	4500	*4500	4000	
Spare 2		4000	4000		4000	4000	*4500	4000	
Spare 3		4200	4200		4200	4500	*4500	4500	
Spare 4		4500	4500		4500	4500	*4500	4500	
Spare 5		4500	4500		4500	4500	*4200	4500	
Spare 6		4500	4500		4500	4500	*4400	4500	
WEEKLY INSPECTIONS		Sun.	Wed.						
Check Fluids		4/24	4/27						
Engine Oil		✓	✓						
Transmission	#	✓	✓						
Coolant		✓	✓						
Brake/Air Pressure		✓	✓						
Power Steering		✓	✓						
Wiper Fluid		✓	✓						
Check Battery/Battery		✓	✓						
Check Belts/Hoses		✓	✓						
Check Breather Valve/Transmission		✓	✓						
Check Front Brakes & Lines		✓	✓						
Check Rear Brakes and Lines		✓	✓						
Ck Suspension/Steering Components		✓	✓						
Check Drive Line		✓	✓						
Check for any Fluid Leaks/Note		✓	✓						
Check Front/Rear Tire Wear/Tread		✓	✓						
Check Tire Pressures	LF 120 RF 100 LF 120 RF 120								
All at 120	2nd Axle	O-LR 100 O-RR 120	O-LR 120 O-RR 120						
O = Outside		I-LR 120 I-RR 120	I-LR 120 I-RR 120						
I = Inside	3rd Axle	O-LR 100 O-RR 120	O-LR 120 O-RR 120						
		I-LR 120 I-RR 120	I-LR 120 I-RR 120						
HYDRAULIC GENERATOR		Mon.	Thurs.						
Hydraulic Generator			✓						
Portable Generator			✓						
Fan's 1 and 2			✓						
Circular Saw/Blades			✓						
Chain Saw/Inspect Chain			✓						
Power plant-Rescue Tool			✓						
Spreaders Cutters			✓						
Short ram Long Ram			✓						
Inspect Saw all			✓						
Refuel as Needed			✓						
Check Maint. Tag			✓						
Inspect Ladders/Halyards/Locks/etc.			✓						
PERFORM WEEKLY SCBA INSPECTIONS									
(See Weekly SCBA Inspection Sheet)									
Date:	Initials:								
Date:	Initials:								

* 2 BEING USED AT PSA BY 45LAS - RETURN 4/25

Weekly/Aerial Inspection Checklist							
Stabilization System - Bales	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Hydraulic Reservoir Level			FULL				
Hydraulic Leaks			NONE				
Functional Graphic Display Panel			✓				
R / L Mid-Ship Stabilizers			✓				
Auxiliary Ground Pads			✓				
Rear Jacks			✓				
Front Cab Jacks			✓				
Stabilizer Interlock Graphic Display			✓				
Audible Warning System			✓				
Aux. Hydraulic Pump			✓				
Hydraulic Transfer / Upper Power			✓				
Emergency Hydraulic Pump/Controls			✓				
Turn Table and Controls							
Breathing Air System Pressure							
Raise / Lower			✓				
Extend / Retract			✓				
360 R / L Full Rotation @ 80 degrees			✓				
Functional Graphic Display Panel			✓				
Boom Lights - Alarm Test - Ladder Lights			✓				
PA / PPT Mike			✓				
Turn Table Flood Lights			✓				
Bucket Control Switch			✓				
Safety Override Switch's			✓				
Manual Hydraulic Override Controls			✓				
Pedestal Hydraulic Lines, Any Leaks			DETAILED				
Safety Lines			✓				
Smart Boom Warning System			✓				
Stabilizer Interlock Override			✓				
Rotational Interlock System			✓				
Emergency Hydraulic Controls			✓				
Platform Controls							
Functional Graphic Display Panel			✓				
Bucket Control Power			✓				
High Range / Creep Mode			✓				
Raise / Lower			✓				
Extend / Retract			✓				
Rotation R / L			✓				
Self Leveling System/Emg. Stop/Disable			✓				
Leveling System Override			✓				
Hyd. Reservoir for Leveling System			✓				
Spot / Flood Lights / Ladder Lights			✓				
Panel Light, Alarm Silence			✓				
Manual and Remote Nozzle Controls			✓				
Master Streams, Aux. Discharges			✓				
Water Control Valves			✓				
Platform Folding Egress Ladder			✓				
Stokes Basket Arms, Lifting Eyes			✓				
Breathing Air Gauge and Hook Ups			✓				
Access/Egress Doors			✓				
Hand Tools / Holders			✓				
Waterway Section of Ladder Down							
5 Ladder Sections, Slide Block Paths			✓				
Aerial Extension / Retraction Cylinders			✓				
Water Way Tubes			✓				
Turn Table Hydraulic Lines			✓				
Sheaves and Cables			✓				
Cable Track / Wiring Harness			✓				
Bucket Hydraulic Lines			✓				
Bucket Leveling Cylinders			✓				

Missing or Damaged Equipment - Police Department Discrepancy

[illegible]

GVFD - Daily Vehicle Check: Tower 151

Revised: 3/26/2010

Month/Year: 4/2010

Shop #: 3140

Dates: Sun. 4/4 Mon. 4/5 Tues. 4/6 Wed. 4/7 Thurs. 4/8 Fri. 4/9 Sat. 4/10

	Sun. 4/4	Mon. 4/5	Tues. 4/6	Wed. 4/7	Thurs. 4/8	Fri. 4/9	Sat. 4/10
Crew 1	GATZ					MILLER	
Crew 2							
Crew 3							
Crew 4							
Mileage: 1st and 15th						4710	
Engine Hrs: 1st and 15th							
Aerial Hours 1st and 15th							
Generator Hours 1st and 15th							
Fuel Level: Capacity: 65 gallons						7/8	
Warning Lights, Buzzers, etc.							
Warning Lights, Buzzers, etc.	✓					✓	
Gauges & Instruments	✓					✓	
Oil/Air Pressure	✓					✓	
Oil/Transmission Temp.	✓					✓	
Coolant Temp.	✓					✓	
Electrical: Volts/Amps	✓					✓	
Radios/Headsets/Cell Phone/Pager	✓					✓	
Clipboard/Paperwork/Maps/Passport	✓					✓	
Safety Vest/Brush Shirts/Fire Shelter	✓					✓	
Survivor Flashlights	✓					✓	
Supra Key / RAD Detector	✓					✓	
Thermal Camera (TIC) Batteries	✓					✓	
Mechanical/Electrical							
Lights: Running/warning/scene	✓					✓	
Code 3 Equipment	✓					✓	
Tires / Wheels	✓					✓	
10 Step Air Brake Check (see back)							
Detailed Aerial Check (see pg. 3)							
Aerial PTO - #1							
Hydraulic Generator PTO - #2							
Cab / Hood Tilt-Eng. Inspect (see pg. 2)							
Water Tank Level 300 gallons							
Foam tank Level 30 gallons	✓						
Daily Pump Check							
Detailed Pump Check (see pg. 2)							
EMS Equipment							
Jump Bags(Airway/Trauma/Peds)							
O2 Level							
ECG Monitor (Weekly Detail Check)							
CEP Drug Box / RSI Drug Box							
Suction Unit							
Miscellaneous Supplies							
Drinking Water							
FIRE Equipment							
Hand Tools/Wild Land/Appliances						✓	
Engineers Headset/Flashlights						✓	
Portable Extinguishers(ABC/PW)						✓	
Power Tools / Fuel Cans						✓	
Run Power Tools (see back)							
Tool Bag/Tools/Slim Jim						✓	
Snake Box/Pole							
Foam containers/Eductor							
SCBA/Spare Air Bottles							
Weekly SCBA Inspection (see pg. 2)							
RTT Bag / Safety Ropes							

FIRE Equipment Contingency								
Safety Equipment: Cones, Flares		✓						✓ x 6
Wheel Chocks		✓ K2						✓
Ladders		✓						
Portable Monitor w/ chains								
Daily Inspection Summary								
SCBA 1	Captain	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SCBA 2	Engineer	NA					*	
SCBA 3	FF #1						*	
SCBA 4	FF #2						*	NA
SCBA 5							*	
RIC BAG							*	
Voice Unit								
Spare Air Bottles								
Spare 1		NA					*	
Spare 2							*	
Spare 3							*	NA
Spare 4							*	
Spare 5							*	
Spare 6							*	
Weekly Inspections								
Check Fluids		Sun.	Wed.					
	Dates	4/4/10						
Engine Oil		✓						
Transmission		✓						
Coolant		✓						
Brake/Air Pressure		✓						
Power Steering		✓						
Wiper Fluid		✓						
Check Battery		✓						
Check Belts/Hoses		✓						
Check Breather Valve/Transmission		✓						
Check Front Brakes & Lines		✓						
Check Rear Brakes and Lines		✓						
Check Suspension/Steering Components		✓						
Check Drive Line		✓						
Check for any Fluid Leaks/Note		✓						
Check Front/Rear Tire Wear/Tread		✓						
Check Tire Pressures	LF 120 RF 120 LF RF							
All at 120	2nd Axle O-LR 120 O-RR 120 O-LR O-RR							
O = Outside	I-LR 120 I-RR 120 I-LR I-RR							
I = Inside	3rd Axle O-LR 120 O-RR 120 O-LR O-RR							
	I-LR 120 I-RR 120 I-LR I-RR							
Check gauges:		Date	Sat.					
Engine RPM								
Temperature								
Fuel								
Check Pump Volt/Amps								
Inspect/Operate Drain Valves								
Inspect all Intakes/Discharges								
Check Priming Pump Operation								
Check Proper Operation of Relief Valve								
Flush & Drain Discharges								
1st Sat. of month Flush and Refill Tank								
Foam System Operational Check								
10 Step Air-Brake Check								
		Tues.						
1. Air Chambers, Air lines								
2. Check Drums/Disc, Shoes/Pads								
3. Test Low Air-Pressure Warning								
4. Automatic Spring Brake Set								
5. Rate of Air-Pressure Build up								
6. Test Air Leakage Rate								
7. Check Air-Compressor Governor								
Cut In/Out								
8. Test Parking Brake - 20% grade								
Hydraulic Generator								
Portable Generator		Mon.	Thurs.					
Fan's 1 and 2								
Circular Saw/Blades								
Chain Saw/Inspect Chain								
Power plant-Rescue Tool								
Spreaders Cutters								
Short ram Long Ram								
Inspect Saws-all								
Refuel as Needed								
Check Maint. Tag								
Inspect Ladders/Halyards/Locks/etc.		Thurs.						
Perform Weekly SCBA Inspections								
(See Weekly SCBA Inspection Sheet)								
Date:		Initials:						
Date:		Initials:						

Weekly Maintenance Plan	Sun. 10/	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Stabilization System - Deck							
Hydraulic Reservoir Level							
Hydraulic Leaks			1/0				
Functional Graphic Display Panel							
R / L Mid-Ship Stabilizers							
Auxiliary Ground Pads							
Rear Jacks							
Front Cab Jacks							
Stabilizer Interlock Graphic Display							
Audible Warning System							
Aux. Hydraulic Pump							
Hydraulic Transfer / Upper Power							
Emergency Hydraulic Pump/Controls							
Turn Table and Controls							
Breathing Air System Pressure							
Raise / Lower							
Extend / Retract							
360 R / L Full Rotation @ 80 degrees							
Functional Graphic Display Panel							
Boom lights - Alarm Test - Ladder Lights							
PA / PPT Mike							
Turn Table Flood Lights							
Bucket Control Switch							
Safety Override Switch's							
Manual Hydraulic Override Controls							
Pedestal Hydraulic Lines, Any Leaks							
Safety Lines							
Smart Boom Warning System							
Stabilizer Interlock Override							
Rotational Interlock System							
Emergency Hydraulic Controls							
Platform Controls - RV							
Functional Graphic Display Panel							
Bucket Control Power							
High Range / Creep Mode							
Raise / Lower							
Extend / Retract							
Rotation R / L							
Self Levelling System/Erg. Stop/Disable							
Leveling System Override							
Hyd. Reservoir for Leveling System							
Spot / Flood Lights / Ladder Lights							
Panel Light, Alarm Silence							
Manual and Remote Nozzle Controls							
Master Streams, Aux. Discharges							
Water Control Valves							
Platform Folding Egress Ladder							
Stokes Basket Arms, Lifting Eyes							
Breathing Air Gauge and Hook Ups							
Access/Egress Doors							
Hand Tools / Holders							
Waterway and Hose System							
5 Ladder Sections, Slide Block Paths							
Aerial Extension / Retraction Cylinders							
Water Way Tubes							
Turn Table Hydraulic Lines							
Sheaves and Cables							
Cable Track / Wiring Harness							
Bucket Hydraulic Lines							
Bucket Levelling Cylinders							

MISSOURI DEPARTMENT OF TRANSPORTATION

• NEED MAP BOOKS

• ADD TRANS FLUID (TRANSYND)

• NEED FUEL CANS

• JAWBURN CAP

GVFD - Daily Vehicle Check: Tower 151

Revised: 3/26/2010

Month/Year: 4/11/2010

Shop #: 3140

Dates:	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Crew 1	MILLER		MILLER	Conradum			
Crew 2							
Crew 3							
Crew 4							
Mileage: 1st and 15th	4770		4770	4773			
Engine Hrs: 1st and 15th	292		292	293			
Aerial Hours 1st and 15th							
Generator Hours 1st and 15th							
Fuel Level: Capacity: 65 gallons	7/8		7/8	13/16			
Warning Lights, Buzzers, etc.	✓		✓	✓			
Gauges & Instruments	✓		✓	✓			
Oil/Air Pressure	✓		✓	✓			
Oil/Transmission Temp.	✓		✓	✓			
Coolant Temp.	✓		✓	✓			
Electrical: Volts/Amps	✓		✓	✓			
Radios/Headsets/Cell Phone/Pager	✓		✓	✓			
Clipboard/Paperwork/Maps/Passport	-1-1-		-1-1-1-	1-1-1-			
Safety Vest/Brush Shirts/Fire Shelter	✓		✓	✓			
Survivor Flashlights	✓		✓	✓			
Supra Key / RAD Detector	✓		✓	✓			
Thermal Camera (TIC) Batteries	✓		✓	✓			
Lights: Running/warning/scene	✓		✓	✓			
Code 3 Equipment	✓		✓	✓			
Tires / Wheels	✓		✓	✓			
10 Step Air Brake Check (see back)			✓				
Detailed Aerial Check (see pg. 3)							
Aerial PTO - #1			✓	✓			
Hydraulic Generator PTO - #2			✓	✓			
Cab / Hood Tilt-Eng. Inspect (see pg. 2)	✓		✓	✓			
Water Tank Level 300 gallons	FULL		FULL	FULL			
Foam tank Level 30 gallons	✓		✓	✓			
Daily Pump Check			✓	✓			
Detailed Pump Check (see pg. 2)							
Jump Bags (Airway/Trauma/Peds)	✓		✓	✓			
O2 Level			2000	1000			
ECG Monitor (Weekly Detail Check)	✓		✓	✓			
CEP Drug Box / RSI Drug Box	✓		✓	✓			
Suction Unit	✓		✓	✓			
Miscellaneous Supplies	✓		✓	✓			
Drinking Water	✓		✓	✓			
Hand Tools/Wild Land/Appliances	✓		✓	✓			
Engineers Headset/Flashlights	✓		✓	✓			
Portable Extinguishers (ABC/PW)	✓		✓	✓			
Power Tools / Fuel Cans	✓		✓	✓			
Run Power Tools (see back)							
Tool Bag/Tools/Slim Jim	✓		✓	✓			
Snake Box/Pole	✓		✓	✓			
Foam containers/Eductor	✓		✓	✓			
SCBA/Spare Air Bottles	✓		✓	✓			
Weekly SCBA Inspection (see pg. 2)							
RIT Bag / Safety Ropes	✓		✓	✓			

PPE - Equipment on hand							
Safety Equipment: Cones, Flares	✓			✓			
Wheel Chocks	✓			✓			
Ladders	✓			✓			
Portable Monitor w/ chains	✓			✓			

DAILY INSPECTIONS CONTINUED

SCBA - Check Dates	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SCBA 1 Captain			7500	7500		*	
SCBA 2 Engineer			4500	4500		*	
SCBA 3 FF #1			4500	4500		*	
SCBA 4 FF #2				4400		*	
SCBA 5						*	
RIC BAG						*	
VOLVE ENTIRE SET							
SLIP AIR BRACKS							
Spare 1			4500	4300		*	
Spare 2			4500	4500		*	
Spare 3			4300	4300		*	
Spare 4			4300	4400		*	
Spare 5			4500	4500		*	
Spare 6			4300	4500		*	

WEEKLY INSPECTIONS

CRITICAL CHECK MECHANICAL	Sun.	Wed.	Thurs.	Fri.	Sat.
Check Fluids	7/11	4-14			
Engine Oil	✓	✓			
Transmission	LOW ADD	✓			
Coolant	✓	✓			
Brake/Air Pressure	✓	✓			
Power Steering	✓	✓			
Wiper Fluid	✓	✓			
Check Battery/Battery	✓	✓			
Check Belts/Hoses	✓	✓			
Check Breather Valve/Transmission	✓	✓			
Check Front Brakes & Lines	✓	✓			
Check Rear Brakes and Lines	✓	✓			
Ck Suspension/Steering Components	✓	✓			
Check Drive Line	✓	✓			
Check for any Fluid Leaks/Note	✓	✓			
Check Front/Rear Tire Wear/Tread	✓	✓			

Check Tire Pressures	LF 120	RF 120	LF 120	RF 120
All at 120				
2nd Axle	O-LR 120	O-RR 120	O-LR 120	O-RR 120
O = Outside	I-LR 120	I-RR 120	I-LR 120	I-RR 120
I = Inside				
3rd Axle	O-LR 120	O-RR 120	O-LR 120	O-RR 120
	I-LR 120	I-RR 120	I-LR 120	I-RR 120

Check gauges:	Date	Sat.
Engine RPM		
Temperature		
Fuel		
Check Pump Volt/Amps		
Inspect/Operate Drain Valves		
Inspected all Intakes/Discharges		
Check Priming Pump Operation		
Check Proper Operation of Relief Valve		
Flush & Drain Discharges		
1st Sat. of month Flush and Refill Tank		
Foam System Operational Check		

10 Step Air-Brake Check	Tues.
1. Air Chambers, Air Lines	
2. Check Drums/Disc, Shoes/Pads	
3. Test Low Air-Pressure Warning	
4. Automatic Spring Brake Set	
5. Rate of Air-Pressure Build up	✓
6. Test Air Leakage Rate	✓
7. Check Air-Compressor Governor Cut In/Out	✓
8. Test Parking Brake - 20% grade	

	Mon.	Thurs.
Hydraulic Generator		
Portable Generator		
Fan's 1 and 2		
Circular Saw/Blades		
Chain Saw/Inspect Chain		
Power plant-Rescue Tool		
Spreaders Cutters		
Short ram Long Ram		
Inspect Saws-all		
Refuel as Needed		
Check Maint. Tag		
Inspect Ladders/Halyards/Locks/etc.		

Perform Weekly SCBA Inspections
(See Weekly SCBA Inspection Sheet)
Date: Initials:
Date: Initials:

Weekly Aerial Inspection Checklist

Stabilization System	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Hydraulic Reservoir Level							
Hydraulic Leaks			✓				
Functional Graphic Display Panel			✓				
R / L Mid-Ship Stabilizers			✓				
Auxiliary Ground Pads			✓				
Rear Jacks			✓				
Front Cab Jacks			✓				
Stabilizer Interlock Graphic Display			✓				
Audible Warning System			✓				
Aux. Hydraulic Pump			✓				
Hydraulic Transfer / Upper Power			✓				
Emergency Hydraulic Pump/Controls			✓				
Rotational and Controls							
Breathing Air System Pressure			N/A				
Raise / Lower			✓				
Extend / Retract			✓				
360 R / L Full Rotation @ 80 degrees			✓				
Functional Graphic Display Panel			✓				
Boom lights - Alarm Test - Ladder Lights			✓				
PA / PPT Mike			✓				
Turn Table Flood Lights			✓				
Bucket Control Switch			✓				
Safety Override Switch's			✓				
Manual Hydraulic Override Controls			✓				
Pedestal Hydraulic Lines, Any Leaks			✓				
Safety Lines			✓				
Smart Boom Warning System			✓				
Stabilizer Interlock Override							
Rotational Interlock System							
Emergency Hydraulic Controls			✓				
Platform Electricals							
Functional Graphic Display Panel			✓				
Bucket Control Power			✓				
High Range / Creep Mode			✓				
Raise / Lower			✓				
Extend / Retract			✓				
Rotation R / L			✓				
Self Leveling System/Emg. Stop/Disable			✓				
Leveling System Override			✓				
Hyd. Reservoir for Leveling System			✓				
Spot / Flood Lights / Ladder Lights							
Panel Light, Alarm Silence			✓				
Manual and Remote Nozzle Controls			✓				
Master Streams, Aux. Discharges							
Water Control Valves			✓				
Platform Folding Egress Ladder			✓				
Stokes Basket Arms, Lifting Eyes			✓				
Breathing Air Gauge and Hook Ups			N/A				
Access/Egress Doors			✓				
Hand Tools / Holders			✓				
Vertical and Aerial							
5 Ladder Sections, Slide Block Paths			✓				
Aerial Extension / Retraction Cylinders			✓				
Water Way Tubes			✓				
Turn Table Hydraulic Lines			✓				
Sheaves and Cables			✓				
Cable Track / Wiring Harness			✓				
Bucket Hydraulic Lines			✓				
Bucket Leveling Cylinders			✓				

MISSING PERSONS - 1960-1961

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GVFD - Daily Vehicle Check: Tower 151

Revised: 3/28/2010

Month/Year: April 2010

Shop #: 3140

Dates:	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Crew 1	MILLER						
Crew 2							
Crew 3							
Crew 4							
Mileage: 1st and 15th	4840						
Engine Hrs: 1st and 15th	30.5						
Aerial Hours 1st and 15th							
Generator Hours 1st and 15th							
Fuel Level: Capacity: 65 gallons	FILLED						
Warning Lights, Buzzers, etc.	✓						
Gauges & Instruments	✓						
Oil/Air Pressure	✓						
Oil/Transmission Temp.	✓						
Coolant Temp.	✓						
Electrical: Volts/Amps	✓						
Radios/Headsets/Cell Phone/Pager	✓						
Clipboard/Paperwork/Maps/Passport	✓						
Safety Vest/Brush Shirts/Fire Shelter	✓						
Survivor Flashlights	✓						
Supra Key / RAD Detector	✓						
Thermal Camera (TIC) Batteries	✓						
Lights: Running/warning/scene	✓						
Code 3 Equipment	✓						
Tires / Wheels	✓						
10 Step Air Brake Check (see back)			*				
Detailed Aerial Check (see pg. 3)			*				
Aerial PTO - #1	✓						
Hydraulic Generator PTO - #2	✓						
Cab / Hood Tilt-Eng. Inspect (see pg. 2)	✓			*			
Water Tank Level 300 gallons	Full						
Foam tank Level 30 gallons							
Daily Pump Check	✓						
Detailed Pump Check (see pg. 2)							*
Jump Bags (Airway/Trauma/Peds)	✓						
O2 Level	2000						
ECG Monitor (Weekly Detail Check)	—						
CEP Drug Box / RSI Drug Box	—						
Suction Unit	—						
Miscellaneous Supplies	—						
Drinking Water	—						
Hand Tools/Wild Land/Appliances	✓						
Engineers Headset/Flashlights	✓						
Portable Extinguishers (ABC/PW)	✓						
Power Tools / Fuel Cans	✓						
Run Power Tools (see back)		*			*		
Tool Bag/Tools/Slim Jlm	✓						
Snake Box/Pole	—						
Foam containers/Eductor	—						
SCBA/Spare Air Bottles	✓						
Weekly SCBA Inspection (see pg. 2)						*	
RIT Bag / Safety Ropes	—						

DATE/TIME		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SAFETY EQUIPMENT								
Safety Equipment: Cones, Flare								
Wheel Chocks								
Ladders								
Portable Monitor w/ chains								
SCBA								
SCBA 1	Captain						*	
SCBA 2	Engineer						*	
SCBA 3	FF #1						*	
SCBA 4	FF #2						*	
SCBA 5							*	
RIC BAG							*	
VOLENTIERS								
SPARE AIR BOTTLES								
Spare 1							*	
Spare 2							*	
Spare 3							*	
Spare 4							*	
Spare 5							*	
Spare 6							*	
WEEKLY INSPECTIONS								
Check Fluids								
Engine Oil	4/18							
Transmission	ADDED							
Coolant	V							
Brake/Air Pressure	V							
Power Steering	V							
Wiper Fluid	V							
Check Battery/Battery	V							
Check Belts/Hoses	V							
Check Breather Valve/Transmission	V							
Check Front Brakes & Lines	V							
Check Rear Brakes and Lines	V							
Check Suspension/Steering Components	V							
Check Drive Line	V							
Check for any Fluid Leaks/Note	V							
Check Front/Rear Tire Wear/Tread	V							
Check Tire Pressures								
All at 120	2nd Axle	O-LR/20	O-RR/20	O-LR	O-RR			
O = Outside		I-LR/20	I-RR/20	I-LR	I-RR			
I = Inside	3rd Axle	O-LR/20	O-RR/20	O-LR	O-RR			
		I-LR/20	I-RR/20	I-LR	I-RR			
Check gauges:								
Engine RPM								
Temperature								
Fuel								
Check Pump Volt/Amps								
Inspect/Operate Drain Valves								
Inspected all Intakes/Discharges								
Check Priming Pump Operation								
Check Proper Operation of Relief Valve								
Flush & Drain Discharges								
1st Sat. of month Flush and Refill Tank								
Foam System Operational Check								
10 Step Air-Brake Check								
1. Air Chambers, Air lines								
2. Check Drums/Disc, Shoes/Pads								
3. Test Low Air-Pressure Warning								
4. Automatic Spring Brake Set								
5. Rate of Air-Pressure Build up								
6. Test Air Leakage Rate								
7. Check Air-Compressor Governor								
Cut In/Out								
8. Test Parking Brake - 20% grade								
Hydraulic Generator								
Portable Generator								
Fan's 1 and 2								
Circular Saw/Blades								
Chain Saw/Inspect Chain								
Power plant-Rescue Tool								
Spreaders Cutters								
Short ram Long Ram								
Inspect Saws-all								
Refuel as Needed								
Check Maint. Tag								
Inspect Ladders/Halyards/Locks/etc.								
Perform Weekly SCBA Inspections								
(See Weekly SCBA Inspection Sheet)								
Date:								
Initials:								
Date:								
Initials:								

GVFD - Daily Vehicle Check: Tower 151

Revised: 9/12/2010

LVPD Expt 40

Month/Year: Feb 2011

Dates:

Sun. 2/6 Mon. 2/7 Tues. 2/8 Wed. 2/9 Thurs. 2/10 Fri. 2/11 Sat. 2/12

Shop #: 3140

	Sun. 2/6	Mon. 2/7	Tues. 2/8	Wed. 2/9	Thurs. 2/10	Fri. 2/11	Sat. 2/12
Crew 1	EVANS	Condu...	EVANS	MILLER	EVANS	MILLER	HOME
Crew 2							
Crew 3							
Crew 4							
Mileage: 1st and 16th	6468	6468	6473	6473	6473	6479	6479
Engine Hrs: 1st and 16th	550	550	551	551	551	552	
Aerial Hours: 1st and 16th				205.4			
Generator Hours: 1st and 16th				46.05			
Fuel Level: Capacity: 66 gallons	F	Full	Full	Full	Full	Full	Full
Warning Lights, Buzzers, etc.	✓	✓	✓	✓	✓	✓	✓
Gauges & Instruments	✓	✓	✓	✓	✓	✓	✓
Oil/Air Pressure	✓	✓	✓	OK	✓	120/80	✓
Oil/Transmission Temp.	✓	✓	✓	✓	✓	✓	✓
Coolant Temp.	✓	✓	✓	✓	✓	✓	✓
Electrical: Volts/Amps	✓	✓	✓	✓	✓	✓	✓
Radio/Headsets/Cell Phone/Pager	✓	✓	✓	✓	✓	✓	✓
Clipboard/Paperwork/Maps/Passport	✓	✓	✓	✓	✓	✓	✓
Safety Vest/Brush Shirts/Fire Shelter	✓	✓	✓	✓	✓	✓	✓
Survivor Flashlights	4	✓	4	4	4	4	4
Supra Key / RAD Detector	✓	✓	✓	✓	✓	✓	✓
Thermal Camera (TIC) Batteries	✓	✓	✓	✓	✓	✓	✓
Lights: Running/Warning/Scene	✓	✓	✓	✓	✓	✓	✓
Code 3 Equipment	✓	✓	✓	✓	✓	✓	✓
Tires / Wheels	✓	✓	✓	✓	✓	✓	✓
10 Step Air Brake Check (see back)							
Detailed Aerial Check (see pg. 3)				KON TOES			
Aerial PTO - #1	✓	✓	✓	✓	✓	✓	✓
Hydraulic Generator PTO - #2	✓	✓	✓	✓	✓	✓	✓
Cab / Hood Tilt-Eng. Inspect (see pg. 2)	✓	✓	✓	✓	✓	✓	✓
Water Tank Level: 300 gallons	F	Full	F	Full	F	Full	F
Foam tank level: 30 gallons	F	Full	F	Full	F	Full	F
Daily Pump Check	✓	✓	✓	✓	✓	✓	✓
Detailed Pump Check (see pg. 2)							
Jump Bag (Airway/Trauma/Peds)	1400	✓	✓	✓	✓	✓	✓
O2 Level	1400	1400	1300	1300	1400	1400	1400
ECG Monitor	✓	✓	✓	✓	✓	✓	✓
CEP Drug Box / RSI Drug Box	✓	✓	✓	✓	✓	✓	✓
Suction Unit	✓	✓	✓	✓	✓	✓	✓
Miscellaneous Supplies	✓	✓	✓	✓	✓	✓	✓
Drinking Water	✓	✓	✓	✓	✓	✓	✓
Hand Tools/Wild Land/Appliances	✓	✓	✓	✓	✓	✓	✓
Engineers Headset/Flashlights	✓	✓	✓	✓	✓	✓	✓
Portable Extinguishers (ABC/PW)	✓	✓	✓	✓	✓	✓	✓
Power Tools / Fuel Cans	✓	✓	✓	✓	✓	✓	✓
Run Power Tools (see back)							
Tool Bag/Tools/Slim Jim	✓	✓	✓	✓	✓	✓	✓
Snake Box/Pole	✓	✓	✓	✓	✓	✓	✓
Foam containers/Eductor	✓	✓	✓	✓	✓	✓	✓
SCBA/Spare Air Bottles	✓	✓	✓	✓	✓	✓	✓
Weekly SCBA Inspection (see pg. 2)							
RIT Bag / Safety Ropes	✓	✓	✓	✓	✓	✓	✓

Safety Equipment: Cones, Flares	✓	✓	✓	✓	✓	✓	✓
Wheel Chocks	✓	✓	✓	✓	✓	✓	✓
Ladders	✓	✓	✓	✓	✓	✓	✓
Portable Monitor w/ chains	✓	✓	✓	✓	✓	✓	✓

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SCBA 1 Captain	4000	4000	4000	4000		4500	4500
SCBA 2 Engineer	4000	4500	4000	4500		4100	4100
SCBA 3 FF #1	4000	4500	4500	4500		4500	4500
SCBA 4 FF #2	4000	4500	4500	4000		4500	4500
RIC BAG	✓	✓	✓	✓			

Spare 1	4000	4500	4000	4500		4500	4500
Spare 2	4000	4500	4000	4500			
Spare 3	4000	4500	4000	4500			
Spare 4	4000	3900	4000	4000			
Spare 5	4000	3900	4000	4000			
Spare 6	4000	4100	4000	4500			

	Sun.	Wed.
Check Fluids	2/6	2/6
Engine Oil	✓	✓
Transmission	✓	✓
Coolant	✓	✓
Brake/Air Pressure	✓	✓
Power Steering	✓	✓
Wiper Fluid	✓	✓
Check Battery/Battery	✓	✓
Check Belts/Hoses	✓	✓
Check Breather Valve/Transmission	✓	✓
Check Front Brakes & Lines	✓	✓
Check Rear Brakes and Lines	✓	✓
Ck Suspension/Steering Components	✓	✓
Check Drive Line	✓	✓
Check for any Fluid Leaks/Notes	✓	✓
Check Front/Rear Tire Wear/Tread	✓	✓

Check Tire Pressures	LF 120	RF 120	LF 120	RF 120
2nd Axis	O-LR 120	O-RR 120	O-LR 120	O-RR 120
3rd Axis	O-LR 120	O-RR 120	O-LR 120	O-RR 120

Check gauges:	Date	Sat.
Engine RPM	✓	✓
Temperature	✓	✓
Fuel	✓	✓
Check Pump Volt/Amps	✓	✓
Inspect/Operate Drain Valves	✓	✓
Inspected all Intakes/Discharges	✓	✓
Check Priming Pump Operation	✓	✓
Check Proper Operation of Relief Valve	✓	✓
Flush & Drain Discharges	✓	✓
1st Sat. of month Flush and Refill Tank	✓	✓
Foam System Operational Check	✓	✓

10 Step Air-Brake Check	Tues.
1. Air Chambers, Air lines	✓
2. Check Drums/Discs, Shoes/Pads	✓
3. Test Low Air-Pressure Warning	75
4. Automatic Spring Brake Set	25
5. Rate of Air-Pressure Build up	✓
6. Test Air Leakage Rate	✓
7. Check Air-Compressor Governor Cut In/Out	✓

	Mon.	Thurs.
Hydraulic Generator	✓	✓
Portable Generator	✓	✓
Fan's 1 and 2	✓	✓
Circular Saw/Blades	✓	✓
Chain Saw/Inspect Chain	✓	✓
Power plant-Rescue Tool	✓	✓
Spreaders (Cutters)	✓	✓
Short ram Long Ram	✓	✓
Inspect Saws-all	✓	✓
Refuel as Needed	✓	✓
Check Maint. Tag	✓	✓
Inspect Ladders/Halyards/Louvers/etc.	✓	✓

Perform Weekly SCBA Inspections	
(See Weekly SCBA Inspection Sheet)	
Date:	Initials:
Date:	Initials:

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Hydraulic Reservoir Level							
Hydraulic Leaks							
Functional Graphic Display Panel							
R / L Mid-Ship Stabilizers							
Auxiliary Ground Pads							
Rear Jacks							
Front Cab Jacks							
Stabilizer Interlock Graphic Display							
Audible Warning System							
Aux. Hydraulic Pump							
Hydraulic Transfer / Upper Power							
Emergency Hydraulic Pump/Controls							
Hydraulic Controls							
Breathing Air System Pressure							
Raise / Lower							
Extend / Retract							
360 R / L Full Rotation @ 80 degrees							
Functional Graphic Display Panel							
Boom Lights - Alarm Test - Ladder Lights							
PA / PPT Mike							
Turn Table Flood Lights							
Bucket Control Switch							
Safety Override Switch's							
Manual Hydraulic Override Controls							
Pedestal Hydraulic Lines, Any Leaks							
Safety Lines							
Smart Boom Warning System							
Stabilizer Interlock Override							
Rotational Interlock System							
Emergency Hydraulic Controls							
Hydraulic Controls							
Functional Graphic Display Panel							
Bucket Control Power							
High Range / Creep Mode							
Raise / Lower							
Extend / Retract							
Rotation R / L							
Self Leveling System/Emg. Stop/Disable							
Leveling System Override							
Hyd. Reservoir for Leveling System							
Spot / Flood Lights / Ladder Lights							
Panel Light, Alarm Silence							
Manual and Remote Nozzle Controls							
Master Streams, Aux. Discharges							
Water Control Valves							
Platform Folding Egress Ladder							
Stokes Basket Arms, Lifting Eyes							
Breathing Air Gauge and Hook Ups							
Access/Egress Doors							
Hand Tools / Holders							
Hydraulic Controls							
5 Ladder Sections, Slide Block Paths							
Aerial Extension / Retraction Cylinders							
Water Way Tubes							
Turn Table Hydraulic Lines							
Sheaves and Cables							
Cable Track / Wiring Harness							
Bucket Hydraulic Lines							
Bucket Leveling Cylinders							

Run Tues, 8p - 10p

OK

GVFD - Daily Vehicle Check. Tower 151

Revised: 9/12/2010

Month/Year: FEB 11

Dates: Sun. 2/13 Mon. 2/14 Tues. 2/15 Wed. 2/16 Thurs. 2/17 Fri. 2/18 Sat. 2/19 Shop #: 3140

	Sun. 2/13	Mon. 2/14	Tues. 2/15	Wed. 2/16	Thurs. 2/17	Fri. 2/18	Sat. 2/19
Crew 1	MILLER	HOVE		Comoduran			ZAVANA
Crew 2							
Crew 3							
Crew 4							
Mileage: 1st and 15th	6479	6498		6508			6508
Engine Hrs: 1st and 15th	552	553		555			556
Aerial Hours 1st and 15th	205.4			206.3			
Generator Hours 1st and 15th				46.4			
Fuel Level: Capacity: 65 gallons	7/8	F		7/8			7/8
Warning Lights, Buzzers, etc.	✓	✓		✓			✓
Gauges & Instruments	✓	✓		✓			✓
Oil/Air Pressure	✓	✓		*✓			✓
Oil/Transmission Temp.	✓	✓		✓			✓
Coolant Temp.	✓	✓		✓			✓
Electrical: Volts/Amps	✓	✓		✓			✓
Radios/Headsets/Cell Phone/Pager	✓	✓		✓			✓
Clipboard/Paperwork/Maps/Passport	✓	✓		✓			✓
Safety Vest/Bush Shirts/Fire Shelter	✓	✓		✓			✓
Survivor Flashlights	✓ x4	✓		✓ x4			✓ x4
Supra Key / RAD Detector	✓	✓		✓			✓
Thermal Camera (TIC) Batteries	✓ OK	✓		✓			✓
Lights: Running/warning/scene	✓	✓		✓			✓
Code 3 Equipment	✓	✓		✓			✓
Tires / Wheels	✓	✓		✓			✓
10 Step Air Brake Check (see back)							
Detailed Aerial Check (see pg. 3)				✓			
Aerial PTO - #1	✓	✓		✓			✓
Hydraulic Generator PTO - #2	✓	✓		✓			✓
Cab / Hood Tilt-Eng. Inspect (see pg. 2)	✓	✓		✓			✓
Water Tank Level 300 gallons	✓			Full			Full
Foam tank Level 30 gallons	✓			Full			Full
Daily Pump Check	✓			✓			✓
Detailed Pump Check (see pg. 2)							✓
Jump Bags (Airway/Trauma/Peds)	✓	✓		✓			✓
O2 Level	1200	✓		1200			1000
ECG Monitor	✓	✓		✓			✓
CEP Drug Box / RSI Drug Box	✓	✓		✓ RH			✓
Suction Unit	✓	✓		✓			✓
Miscellaneous Supplies	✓	✓		✓			✓
Drinking Water		✓		✓			✓
Hand Tools/Wild Land/Appliances	✓	✓		✓			✓
Engineers Headset/Flashlights	✓	✓		✓			✓
Portable Extinguishers (ABC/PW)		✓		✓			✓
Power Tools / Fuel Cans		✓		✓			✓
Run Power Tools (see back)							
Tool Bag/Tools/Slim Jim		✓		✓			✓
Snake Box/Pole		✓		✓			✓
Foam containers/Eductor		✓		✓			✓
SCBA/Spare Air Bottles		✓		✓			✓
Weekly SCBA Inspection (see pg. 2)							
RIT Bag / Safety Ropes		✓		✓			✓
Air/Gas Monitor (check charge on Fri.)				✓			

Safety Equipment: Cones, Flares		✓		✓		✓
Wheel Chocks		✓		✓		✓
Ladders		✓		✓		✓
Portable Monitor w/ chains		✓		✓		✓

DRIVER'S LOG

		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SCBA 1 Captain			4500		4500		*	
SCBA 2 Engineer			4500		4500		*	4500
SCBA 3 FF #1			4500		4500		*	4500
SCBA 4 FF #2			4500		4500		*	4500
RIC BAG			4500				*	
Valve Chambers								
Spare 1			4500		4500		*	4500
Spare 2					4500		*	4500
Spare 3					4500		*	4500
Spare 4					4500		*	4500
Spare 5					4500		*	4500
Spare 6					4500		*	4500

WEEKLY INSPECTIONS

Check Fluids	Dates	Sun.	Wed.	Tues.
Engine Oil			2-16	
Transmission				
Coolant				
Brake/Air Pressure				
Power Steering				
Wiper Fluid				
Check Battery/Battery				
Check Belts/Hoses				
Check Breather Valve/Transmission				
Check Front Brakes & Lines				
Check Rear Brakes and Lines				
Ck Suspension/Steering Components				
Check Drive Line				
Check for any Fluid Leaks/Note				
Check Front/Rear Tire Wear/Tread				

10 Step Air-Brake Check

1. Air Chambers, Air lines
2. Check Drums/Disc, Shoes/Pads
3. Test Low Air-Pressure Warning
4. Automatic Spring Brake Set
5. Rate of Air-Pressure Build up
6. Test Air Leakage Rate
7. Check Air-Compressor Governor Cut In/Out

Check Tire Pressures	LF	RF	LF 120	RF 120
All at 120				
O = Outside				
I = Inside				

Check gauges:	Date	Sat. 2/19
Engine RPM		✓
Temperature		✓
Fuel		✓
Check Pump Volt/Amps		✓
Inspect/Operate Drain Valves		✓
Inspected all Intakes/Discharges		✓
Check Priming Pump Operation		✓
Check Proper Operation of Relief Valve		✓
Flush & Drain Discharges		✓
1st Sat. of month Flush and Refill Tank		
Foam System Operational Check		✓

	Mon. 2/19	Thurs.
Hydraulic Generator	✓	
Portable Generator	✓	
Fan's 1 and 2	✓	
Circular Saw/Blades	✓	
Chain Saw/Inspect Chain	✓	
Power plant-Rescue Tool	✓	
Spreaders-Cutters	✓	
Short ram Long Ram	✓	
Inspect Saws-all	✓	
Refuel as Needed	✓	
Check Maint. Tag	✓	
Inspect Ladders/Halyards/Locks/etc.		

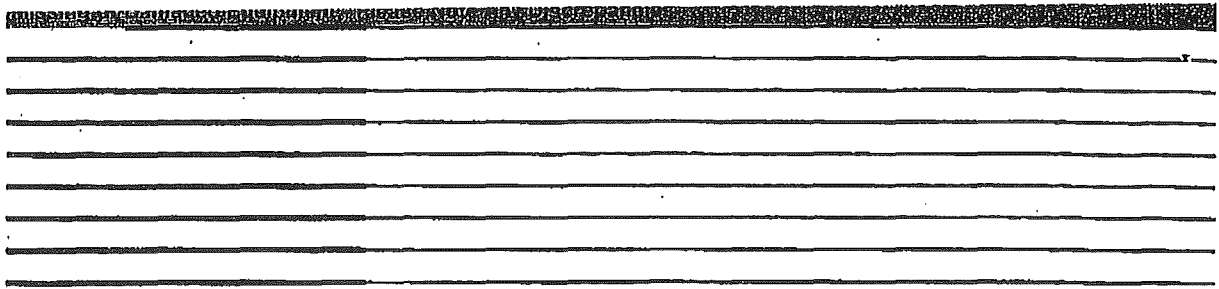
Perform Weekly SCBA Inspections

(See Weekly SCBA Inspection Sheet)

Date: Initials:

Date: Initials:

Weekly Visual Inspection							
Stabilization System	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Hydraulic Reservoir Level				✓			
Hydraulic Leaks				✓			
Functional Graphic Display Panel				✓			
R / L Mid-Ship Stabilizers				✓			
Auxiliary Ground Pads				✓			
Rear Jacks				✓			
Front Cab Jacks				✓			
Stabilizer Interlock Graphic Display				✓			
Audible Warning System				✓			
Aux. Hydraulic Pump				✓			
Hydraulic Transfer / Upper Power				✓			
Emergency Hydraulic Pump/Controls				✓			
Turntable and Controls							
Breathing Air System Pressure				✓			
Raise / Lower				✓			
Extend / Retract				✓			
360 R / L Full Rotation @ 80 degrees				✓			
Functional Graphic Display Panel				✓			
Boom lights - Alarm Test - Ladder Lights				✓			
PA / PPT Mike				✓			
Turn Table Flood Lights				✓			
Bucket Control Switch				✓			
Safety Override Switch's				✓			
Manual Hydraulic Override Controls				✓			
Pedestal Hydraulic Lines, Any Leaks				✓			
Safety Lines				✓			
Smart Boom Warning System				✓			
Stabilizer Interlock Override				✓			
Rotational Interlock System				✓			
Emergency Hydraulic Controls				✓			
Waterway Controls							
Functional Graphic Display Panel				✓			
Bucket Control Power				✓			
High Range / Creep Mode				✓			
Raise / Lower				✓			
Extend / Retract				✓			
Rotation R / L				✓			
Self Leveling System/Emg. Stop/Disable				✓			
Leveling System Override				✓			
Hyd. Reservoir for Leveling System				✓			
Spot / Flood Lights / Ladder Lights				✓			
Panel Light, Alarm Silence				✓			
Manual and Remote Nozzle Controls				✓			
Master Streams, Aux. Discharges				✓			
Water Control Valves				✓			
Platform Folding Egress Ladder				✓			
Stokes Basket Arms, Lifting Eyes				✓			
Breathing Air Gauge and Hook Ups				✓			
Access/Egress Doors				✓			
Hand Tools / Holders				✓			
Visual Inspection of Cableways							
5 Ladder Sections, Slide Block Paths				✓			
Aerial Extension / Retraction Cylinders				✓			
Water Way Tubes				✓			
Turn Table Hydraulic Lines				✓			
Sheaves and Cables				✓			
Cable Track / Wiring Harness				✓			
Bucket Hydraulic Lines				✓			
Bucket Levelling Cylinders				✓			



GVFD - Daily Vehicle Check: Tower 151

Revised: 4/4/2010

Month/Year: Feb/11

Shop #: 3140

Dates: Sun. Mon. Tues. Wed. Thurs. Fri. Sat.

		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Crew 1		ZAVALA	Corradino	Blackburn	Chilton	ZAVALA	Corradino	ZAVALA
Crew 2								
Crew 3								
Crew 4								
Mileage:	1st and 15th	6509	6509	6510	6510	6515	6515	6515
Engine Hrs:	1st and 15th	556	556	557	557	558	558	558
Aerial Hours	1st and 15th			0707	0707			
Generator Hours	1st and 15th			47.6				
Fuel Level:	Capacity: 65 gallons	3/4	7/8	3/4	3/4	3/4	3/4	3/4
Warning Lights, Buzzers, etc.								
Warning Lights, Buzzers, etc.		✓	✓	✓	✓		✓	✓
Gauges & Instruments		✓	✓	✓	✓		✓	✓
Oil/Air Pressure		✓	✓	✓	✓		✓	✓
Oil/Transmission Temp.		✓	✓	✓	✓		✓	✓
Coolant Temp.		✓	✓	✓	✓		✓	✓
Electrical: Volts/Amps		✓	✓	✓	✓		✓	✓
Radio/Headset/Cell Phone/Pager		✓	✓	✓	✓		✓	✓
Clipboard/Paperwork/Maps/Passport		✓	✓	✓	✓		✓	✓
Safety Vest/Brush Shirts/Fire Shelter		✓	✓	✓	✓		✓	✓
Survivor Flashlights		4	✓x4	✓x4	✓4		✓4	4
Supra Key / RAD Detector		✓	✓	✓	✓		✓	✓
Thermal Camera (TIC) Batteries		✓	✓	✓	✓		✓	✓
Lighting								
Lights: Running/warning/scene		✓	✓	✓	✓		✓	✓
Code 3 Equipment		✓	✓	✓	✓		✓	✓
Tires / Wheels		✓	✓	✓	✓		✓	✓
10 Step Air Brake Check (see back)								
Detailed Aerial Check (see pg. 3)								
Aerial PTO - #1		✓	✓	✓	✓		✓	✓
Hydraulic Generator PTO - #2		✓	✓	✓	✓		✓	✓
Cab / Hood Tilt-Eng. Inspect (see pg. 2)		✓			✓			
Water Tank Level 300 gallons		✓	✓	✓	✓		✓	✓
Foam tank Level 30 gallons		✓	✓	✓	✓		✓	✓
Daily Pump Check		✓	✓	✓	✓		✓	✓
Detailed Pump Check (see pg. 2)								
Medical Equipment								
Jump Bags (Airway/Trauma/Peds)		1	✓	✓	✓		✓	✓
O2 Level		✓	✓	1106	1106		1106	1106
ECG Monitor (Weekly Detail Check)		✓	✓	✓	✓		✓	✓
CEP Drug Box / RSI Drug Box		✓	✓	✓	✓		✓	✓
Suction Unit		✓	✓	✓	✓		✓	✓
Miscellaneous Supplies		✓	✓	✓	✓		✓	✓
Drinking Water		✓	✓	✓	✓		✓	✓
Tools & Equipment								
Hand Tools/Wild Land/Appliances		✓	✓	✓	✓		✓	✓
Engineers Headset/Flashlights		✓	✓	✓	✓		✓	✓
Portable Extinguishers (ABC/PW)		✓	✓	✓	✓		✓	✓
Power Tools / Fuel Cans		✓	✓	✓	✓		✓	✓
Run Power Tools (see back)			✓					
Tool Bag/Tools/Slim Jim			✓	✓	✓		✓	✓
Snake Box/Pole			✓	✓	✓		✓	✓
Foam containers/Eductor			✓	✓	✓		✓	✓
SCBA/Spare Air Bottles			✓	✓	✓		✓	✓
Weekly SCBA Inspection (see pg. 2)							✓	✓
RIT Bag / Safety Ropes			✓	✓	✓		✓	✓

GVFD - Daily Vehicle Check: Tower 151

Revised: 4/4/2010

Month/Year: MARCH 2011

Shop #: 3140

Dates:	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Crew 1	HOYE		MILLER	ZAVALA	MILLER	HOYE	MILLER
Crew 2	HOYER					LOPEZ	MILLER
Crew 3	LOPEZ						
Crew 4							
Mileage:	10619	10620	10620	10621	10627	10627	10628
Engine Hrs:	571	571	571	573	573	573	575
Aerial Hours			211		212.1		
Generator Hours							
Fuel Level: Capacity: 65 gallons	7/8	7/8	7/8	3/4+	3/4+	3/4+	FULL
Cab Controls/Instrument Panel							
Warning Lights, Buzzers, etc.	✓		✓	✓	✓	✓	✓
Gauges & Instruments	✓		✓	✓	✓	✓	✓
Oil/Air Pressure	✓		✓	✓	✓	✓	✓
Oil/Transmission Temp.	✓		✓	✓	✓	✓	✓
Coolant Temp.	✓		✓	✓	✓	✓	✓
Electrical: Volts/Amps	✓		✓	✓	✓	✓	✓
Radios/Headsets/Cell Phone/Pager	✓		✓	✓	✓	✓	✓
Clipboard/Paperwork/Maps/Passport	✓		✓	✓	✓	✓	✓
Safety Vest/Brush Shirts/Fire Shelter	✓		✓	✓	✓	✓	✓
Survivor Flashlights SWIFT WATER	✓		✓	✓	✓	✓	✓
Supra Key / RAD Detector	✓		✓	✓	✓	✓	✓
Thermal Camera (TIC) Batteries	✓		✓	✓	✓	✓	✓
Mechanical/External							
Lights: Running/warning/scene	✓		✓	✓	✓	✓	✓
Code 3 Equipment	✓		✓	✓	✓	✓	✓
Tires / Wheels	✓		✓	✓	✓	✓	✓
10 Step Air Brake Check (see back)			✓				
Detailed Aerial Check (see pg. 3)			✓				
Aerial PTO - #1	✓		✓		✓	✓	✓
Hydraulic Generator PTO - #2	✓		✓		✓	✓	✓
Cab / Hood Tilt-Eng. Inspect (see pg. 2)	✓		✓		✓	✓	✓
Water Tank Level 300 gallons	F		F		F	F	F
Foam tank Level 30 gallons	F		F		F	F	F
Daily Pump Check	✓		✓		✓	✓	✓
Detailed Pump Check (see pg. 2)							✓
Misc Equipment							
Jump Bags (Airway/Trauma/Peds)	✓		✓		✓	✓	✓
O2 Level	1400				1600	1600	1700
ECG Monitor (Weekly Detail Check)	✓		✓		✓	✓	✓
CEP Drug Box / RSI Drug Box	✓		✓		✓	✓	✓
Suction Unit	✓		✓		✓	✓	✓
Miscellaneous Supplies	✓		✓		✓	✓	✓
Drinking Water	✓		✓		✓	✓	✓
FIRE EQUIPMENT							
Hand Tools/Wild Land/Appliances	✓		✓		✓	✓	✓
Engineers Headset/Flashlights	✓		✓		✓	✓	✓
Portable Extinguishers (ABC/PW)	✓		✓		✓	✓	✓
Power Tools / Fuel Cans	✓		✓		✓	✓	✓
Run Power Tools (see back)							
Tool Bag/Tools/Slim Jim	✓	✓	✓		✓	✓	✓
Snake Box/Pole	✓	✓	✓		✓	✓	✓
Foam containers/Eductor	✓	✓	✓		✓	✓	✓
SCBA/Spare Air Bottles	✓	✓	✓		✓	✓	✓
Weekly SCBA Inspection (see pg. 2)						✓	
RIT Bag / Safety Ropes	✓	✓	✓			✓	✓

FIRE EQUIPMENT (Continued)

Safety Equipment: Cones, Flares
Wheel Chocks
Ladders
Portable Monitor w/ chains

✓		✓		✓	✓	✓	✓
✓		✓		✓	✓	✓	✓
✓		✓		✓	✓	✓	✓
✓		✓		✓	✓	✓	✓

Daily Inspection (Continued)

SCBA Check	Date	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SCBA 1 Captain		4500		4500		4500	*	4500
SCBA 2 Engineer				4500		4500	*	
SCBA 3 FF #1				4500		4500	*	
SCBA 4 FF #2				4500		4500	*	
RIC BAG							*	
Voice Emitters								
10 Step Air-Breathing								
Spare 1		4500		4500		4500	*	4500
Spare 2						4500	*	
Spare 3						4500	*	
Spare 4						4500	*	
Spare 5						4500	*	
Spare 6						4500	*	

WEEKLY INSPECTIONS

Check Fluids	Date	Sun.	Wed.	10 Step Air-Brake Check	Tues.
Engine Oil	03/06	✓		1. Air Chambers, Air Lines	03/06
Transmission		✓		2. Check Drums/Disc, Shoes/Pads	✓
Coolant		✓		3. Test Low Air-Pressure Warning	✓
Brake/Air Pressure		✓		4. Automatic Spring Brake Set	✓
Power Steering		✓		5. Rate of Air-Pressure Build up	✓
Wiper Fluid		✓		6. Test Air Leakage Rate	✓
Check Battery/Battery		✓		7. Check Air-Compressor Governor	✓
Check Belts/Hoses		✓		Cut In/Out	5000
Check Breather Valve/Transmission		✓			
Check Front Brakes & Lines		✓			
Check Rear Brakes and Lines		✓			
Check Suspension/Steering Components		✓			
Check Drive Line		✓			
Check for any Fluid Leaks/Note		✓			
Check Front/Rear Tire Wear/Tread		✓			

Check Tire Pressures	LF	RF	LF	RF
All at 120	120	120	120	120
2nd Axle	O-LR 120	O-RR 120	O-LR 120	O-RR 120
3rd Axle	O-LR 120	O-RR 120	O-LR 120	O-RR 120
	I-LR 120	I-RR 120	I-LR 120	I-RR 120

Check gauges:	Date	Sat.
Engine RPM		✓
Temperature		✓
Fuel		✓
Check Pump Vol/Amps		✓
Inspect/Operate Drain Valves		✓
Inspected all Intakes/Discharges		✓
Check Priming Pump Operation		✓
Check Proper Operation of Relief Valve		✓
Flush & Drain Discharges		✓
1st Sat. of month Flush and Refill Tank		✓
Foam System Operational Check		✓

10 Step Air-Brake Check	Tues.
1. Air Chambers, Air Lines	03/06
2. Check Drums/Disc, Shoes/Pads	✓
3. Test Low Air-Pressure Warning	✓
4. Automatic Spring Brake Set	✓
5. Rate of Air-Pressure Build up	✓
6. Test Air Leakage Rate	✓
7. Check Air-Compressor Governor	✓
Cut In/Out	5000

	Mon.	Thurs.
Hydraulic Generator		✓
Portable Generator		✓
Fan's 1 and 2		✓
Circular Saw/Blades		✓
Chain Saw/Inspect Chain		✓
Power plant-Rescue Tool		✓
Spreaders- Cutters		✓
Short ram Long Ram		✓
Inspect Saws-all		✓
Refuel as Needed		✓
Check Maint. Tag		✓
Inspect Ladders/Halyards/Locks/etc.		✓

Perform Weekly SCBA Inspections	Date	Initials
(See Weekly SCBA Inspection Sheet)	03/06	
Date:		
Initials:		

Weekly Aerial Inspection - 2003						
Stabilization System - 03/02		Sun 03/02	Mon.	Tues 03/03	Wed.	Thurs.
Hydraulic Reservoir Level				Good		
Hydraulic Leaks				✓		
Functional Graphic Display Panel				✓		
R / L Mid-Ship Stabilizers				✓		
Auxiliary Ground Pads				✓		
Rear Jacks				✓		
Front Cab Jacks				✓		
Stabilizer Interlock Graphic Display				✓		
Audible Warning System				✓		
Aux. Hydraulic Pump				✓		
Hydraulic Transfer / Upper Power				✓		
Emergency Hydraulic Pump/Controls				✓		
Turn Table and Boom Ops						
Breathing Air System Pressure				03/03		
Raise / Lower				✓		
Extend / Retract				✓		
360 R / L Full Rotation @ 80 degrees				✓		
Functional Graphic Display Panel				✓		
Boom lights - Alarm Test - Ladder Lights				03/03		
PA / PPT Mike				✓		
Turn Table Flood Lights				03/03		
Bucket Control Switch				✓		
Safety Override Switch's				✓		
Manual Hydraulic Override Controls				✓		
Pedestal Hydraulic Lines, Any Leaks				✓		
Safety Lines				✓		
Smart Boom Warning System				✓		
Stabilizer Interlock Override				✓		
Rotational Interlock System				✓		
Emergency Hydraulic Controls				✓		
Platform - STOKES						
Functional Graphic Display Panel				✓		
Bucket Control Power				✓		
High Range / Creep Mode				✓		
Raise / Lower				✓		
Extend / Retract				✓		
Rotation R / L				✓		
Self Leveling System/Emg. Stop/Disable				✓		
Leveling System Override				✓		
Hyd. Reservoir for Leveling System				✓		
Spot / Flood Lights / Ladder Lights				03/03		
Panel Light, Alarm Silence				✓		
Manual and Remote Nozzle Controls				03/03		
Master Streams, Aux. Discharges						
Water Control Valves				03/03		
Platform Folding Egress Ladder				✓		
Stokes Basket Arms, Lifting Eyes				✓		
Breathing Air Gauge and Hook Ups				✓		
Access/Egress Doors				✓		
Hand Tools / Holders				✓		
Waterway Function and Release						
5 Ladder Sections, Slide Block Paths				✓		
Aerial Extension / Retraction Cylinders				✓		
Water Way Tubes				✓		
Turn Table Hydraulic Lines				✓		
Sheaves and Cables				✓		
Cable Track / Wiring Harness				✓		
Bucket Hydraulic Lines				✓		
Bucket Leveling Cylinders				✓		

MISSING EQUIPMENT

* TIME TO LUBE & WIPE DOWN

GVFD - Daily Vehicle Check: Tower 151

Revised: 9/12/2010

Month/Year: _____

Shop #: 3140

Dates:		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Crew 1		ACAMPO	HONE	ZAVILA	Comoduchon	Zama	KOS	ZAVILA
Crew 2		MILLER					MILLER	
Crew 3		LAWYCA					ODONIS	
Crew 4							VARICA	
Mileage:	1st and 15th	6781	6781	6781	6781	6782	6782	
Engine Hrs:	1st and 15th	598	590	590	590	591	591	
Aerial Hours	1st and 15th	216.2			216.2			
Generator Hours	1st and 15th				51.8			
Fuel Level: Capacity: 65 gallons		FULL	F	F	Full	F	Full	
Warning Lights, Buzzers, etc.								
Gauges & Instruments		✓	✓	✓	✓	✓	✓	
Oil/Air Pressure		✓	✓	✓	✓	✓	✓	
Oil/Transmission Temp.		✓	✓	✓	✓	✓	✓	
Coolant Temp.		✓	✓	✓	✓	✓	✓	
Electrical: Volts/Amps		✓	✓	✓	✓	✓	✓	
Radlos/Headsets/Cell Phone/Pager		✓	✓	✓	✓	✓	✓	
Clipboard/Paperwork/Maps/Passport		✓	✓	✓	✓	✓	✓	
Safety Vest/Brush Shirts/Fla Shelter		✓	✓	✓	✓	✓	✓	
Survivor Flashlights		✓	✓	✓	✓	✓	✓	
Supra Key / RAD Detector		✓	✓	✓	✓	✓	✓	
Thermal Camera (TIC) Batteries		✓	✓	✓	✓	✓	✓	
Mechanical Equipment								
Lights: Running/warning/scene		✓	✓	✓	✓	✓	✓	
Code 3 Equipment		✓	✓	✓	✓	✓	✓	
Tires / Wheels		✓	✓	✓	✓	✓	✓	
10 Step Air Brake Check (see back)								
Detailed Aerial Check (see pg. 3)					✓			
Aerial PTO - #1		✓	✓	✓	✓	✓	✓	
Hydraulic Generator PTO - #2		✓	✓	✓	✓	✓	✓	
Cab / Hood Tilt-Eng. Inspect (see pg. 2)		✓			✓			
Water Tank Level 300 gallons		✓	✓	F	Full	F	Full	
Foam tank Level 30 gallons		✓	✓	F	Full	F	Full	
Daily Pump Check		✓	✓	✓	✓	✓	✓	
Detailed Pump Check (see pg. 2)								
Medical Equipment								
Jump Bags (Airway/Trauma/Peds)		✓	✓	✓	✓	✓	✓	
O2 Level		2000	2090	1700	1720	1720	1700	
ECG Monitor		✓	✓	✓	✓	✓	✓	
CEP Drug Box / RSI Drug Box		✓	✓	✓	✓	✓	✓	
Suction Unit		✓	✓	✓	✓	✓	✓	
Miscellaneous Supplies		✓	✓	✓	✓	✓	✓	
Drinking Water		✓	✓	✓	✓	✓	✓	
Fire Equipment								
Hand Tools/Wild Land/Appliances		✓	✓	✓	✓	✓	✓	
Engineers Headset/Flashlights		✓	✓	✓	✓	✓	✓	
Portable Extinguishers (ABC/PW)		✓	✓	✓	✓	✓	✓	
Power Tools / Fuel Cans		✓	✓	✓	✓	✓	✓	
Run Power Tools (see back)						✓		
Tool Bag/Tools/Slim Jim		✓	✓	✓	✓	✓	✓	
Sneak Box/Pole		✓	✓	✓	✓	✓	✓	
Foam containers/Eductor		✓	✓	✓	✓	✓	✓	
SCBA/Spare Air Bottles		✓	✓	✓	✓	✓	✓	
Weekly SCBA Inspection (see pg. 2)		✓	✓	✓	✓	✓	✓	
RF Bag / Safety Ropes		✓	✓	✓	✓	✓	✓	

Fire Equipment Continued							
Safety Equipment: Cones, Flares	✓	✓	✓	✓	✓	✓	✓
Wheel Chocks	✓	✓	✓	✓	✓	✓	✓
Ladders	✓	✓	✓	✓	✓	✓	✓
Portable Monitor w/ chains	✓	✓	✓	✓	✓	✓	✓

PAID/INDEPENDENT CONTINUED

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SCBA 1 Captain	4500	4500	4500	4500		*4500	
SCBA 2 Engineer	4500	4500	4500	4500		*4500	
SCBA 3 FF #1	4500	4500	4500	4500		*4500	
SCBA 4 FF #2	4500	4500	4500	4500		*4500	
RIC BAG						*	
Voice Amplifier	4	4	4	4	4		

PAID/INDEPENDENT CONTINUED

Spare 1	4500	4500	4500	4500		*4500	
Spare 2	4000		4500	4500		*4500	
Spare 3	4000		4500	4500		*4500	
Spare 4	4500		4500	4500		*4500	
Spare 5	4500		4500	4500		*4500	
Spare 6	4500		4500	4500		*4500	

WEEKLY INSPECTIONS

Check Fluids		Sun.	Wed.
Dates		4-19	4-20
Engine Oil		✓	✓
Transmission		✓	✓
Coolant		✓	✓
Brake/Air Pressure		✓	✓
Power Steering		✓	✓
Wiper Fluid		✓	✓
Check Battery Battery		✓	✓
Check Belts/Hoses		✓	✓
Check Breather Valve/Transmission		✓	✓
Check Front Brakes & Lines		✓	✓
Check Rear Brakes and Lines		✓	✓
Ck Suspension/Steering Components		✓	✓
Check Drive Line		✓	✓
Check for any Fluid Leaks/Note		✓	✓
Check Front/Rear Tire Wear/Tread		✓	✓

Check Tire Pressures		LF 120	RF 120	LF 120	RF 120
All at 120	2nd Axle	O-LR 120	O-RR 120	O-LR 120	O-RR 120
O = Outside		I-LR 120	I-RR 120	I-LR 120	I-RR 120
I = Inside	3rd Axle	O-LR 120	O-RR 120	O-LR 120	O-RR 120
		I-LR 120	I-RR 120	I-LR 120	I-RR 120

DETAILED MAINTENANCE

Check gauges:		Date	Sat.
Engine RPM			
Temperature			
Fuel			
Check Pump Volt/Amps			
Inspect/Operate Drain Valves			
Inspected all Intakes/Discharges			
Check Priming Pump Operation			
Check Proper Operation of Relief Valve			
Flush & Drain Discharges			
1st Sat. of month Flush and Refill Tank			
Foam System Operational Check			

10 Step Air-Brake Check

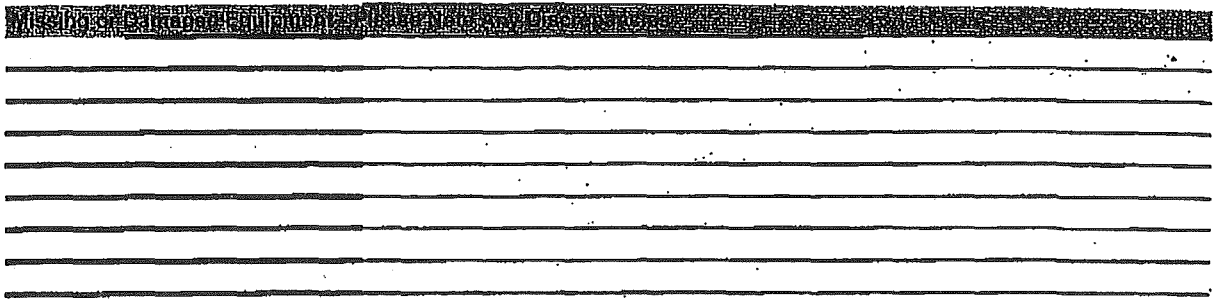
10 Step Air-Brake Check		Tues.
1. Air Chambers, Air lines		
2. Check Drums/Disc, Shoes/Pads		
3. Test Low Air-Pressure Warning		
4. Automatic Spring Brake Set		
5. Rate of Air-Pressure Build up		
6. Test Air Leakage Rate		
7. Check Air-Compressor Governor		
Cut In/Out		

	Mon.	Thurs.
Hydraulic Generator	✓	✓
Portable Generator	✓	✓
Fan's 1 and 2	✓	✓
Circular Saw/Blades	✓	✓
Chain Saw/Inspect Chain	✓	✓
Power plant-Rescue Tool	✓	✓
Spade - Cutters	✓	✓
Short ram Long Ram	✓	✓
Inspect Saws-all	✓	✓
Refuel as Needed	✓	✓
Check Maint. Tag	✓	✓
Inspect Ladders/Halyards/Locks/etc.	✓	✓

Perform Weekly SCBA Inspections

(See Weekly SCBA Inspection Sheet)	
Date: 4/22/11	Initials: PM
Date: 4/22/11	Initials: PM

Weekly Visual Inspection / Check							
Stabilization System - Base	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Hydraulic Reservoir Level				✓			
Hydraulic Leaks				✓			
Functional Graphic Display Panel				✓			
R / L Mid-Ship Stabilizers				✓			
Auxiliary Ground Pads				✓			
Rear Jacks				✓			
Front Cab Jacks				✓			
Stabilizer Interlock Graphic Display				✓			
Audible Warning System				✓			
Aux. Hydraulic Pump				✓			
Hydraulic Transfer / Upper Power				✓			
Emergency Hydraulic Pump/Controls				✓			
Turntable and Controls							
Breathing Air System Pressure				✓			
Raise / Lower				✓			
Extend / Retract				✓			
360 R / L Full Rotation @ 80 degrees				✓			
Functional Graphic Display Panel				✓			
Boom lights - Alarm Test - Ladder Lights				✓			
PA / PPT Mike				✓			
Turn Table Flood Lights				✓			
Bucket Control Switch				✓			
Safety Override Switch's				✓			
Manual Hydraulic Override Controls				✓			
Pedestal Hydraulic Lines, Any Leaks				✓			
Safety Lines				✓			
Smart Boom Warning System				✓			
Stabilizer Interlock Override				✓			
Rotational Interlock System				✓			
Emergency Hydraulic Controls				✓			
Platform - Controls - Ect.							
Functional Graphic Display Panel				✓			
Bucket Control Power				✓			
High Range / Creep Mode				✓			
Raise / Lower				✓			
Extend / Retract				✓			
Rotation R / L				✓			
Self Levelling System/Emg. Stop/Disable				✓			
Levelling System Override				✓			
Hyd. Reservoir for Levelling System				✓			
Spot / Flood Lights / Ladder Lights				✓			
Panel Light, Alarm Silence				✓			
Manual and Remote Nozzle Controls				✓			
Master Streams, Aux. Discharges				✓			
Water Control Valves				✓			
Platform Folding Egress Ladder				✓			
Stokes Basket Arms, Lifting Eyes				✓			
Breathing Air Gauge and Hook Ups				✓			
Access/Egress Doors				✓			
Hand Tools / Holders				✓			
Visual Inspection of Ladder							
5 Ladder Sections, Slide Block Paths				*✓			
Aerial Extension / Retraction Cylinders				✓			
Water Way Tubes				✓			
Turn Table Hydraulic Lines				✓			
Sheaves and Cables				✓			
Cable Track / Wiring Harness				✓			
Bucket Hydraulic Lines				✓			
Bucket Levelling Cylinders				✓			



GVFD - Daily Vehicle Check: Ladder 151

Revised: 11/01/2011

Month/Year: _____

Shop #: 3140

Dates:		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Crew 1			ZAVILA	LANE	FINKES	MILBER	ZAVILA	VALERIO
Crew 2					ZAVILA			
Crew 3					YSLAS			
Crew 4								
Mileage:	1st and 15th		7896	7896	7896	7896	7896	7898
Engine Hrs:	1st and 15th		769	769	769	770	771	771
Aerial Hours	1st and 15th							
Generator Hours	1st and 15th							
Fuel Level: Capacity: 65 gallons			3/8	7/8	7/8	3/4+	F	F
CAUTION/DEFECTS								
Warning Lights, Buzzers, etc.			✓	✓	ok	✓	✓	✓
Gauges & Instruments			✓	✓	GOOD	✓	✓	✓
Oil/Air Pressure			✓	✓	✓	✓	✓	✓
Oil/Transmission Temp.			✓	✓	✓	✓	✓	✓
Coolant Temp.			✓	✓	✓	✓	✓	✓
Electrical: Volts/Amps			✓	13.1	✓	✓	✓	✓
Radios/Headsets/Cell Phone/Pager			✓	✓	✓	✓	✓	✓
Clipboard/Paperwork/Maps/Passport			✓	✓	✓	✓	✓	✓
Safety Vest/Brush Shirts/Fire Shelter			✓	✓	✓	✓	✓	✓
Survivor Flashlights			4	x4	✓	124	4	4
Supra Key / RAD Detector			✓	✓	✓	✓	✓	✓
Thermal Camera (TIC) Batteries			✓	✓	✓	✓	✓	✓
MAINTENANCE/REPAIR								
Lights: Running/warning/scene			✓	✓	✓	✓	✓	✓
Code 3 Equipment			✓	✓	✓	✓	✓	✓
Tires / Wheels			✓	✓	✓	✓	✓	✓
10 Step Air Brake Check (see back)								
Detailed Aerial Check (see pg. 3)					✓			
Aerial PTO - #1			✓	✓	✓	✓	✓	✓
Hydraulic Generator PTO - #2			✓	✓	✓	✓	✓	✓
Cab / Hood Tilt-Eng. Inspect (see pg. 2)					✓			
Water Tank Level 300 gallons			F	F	F	F	F	F
Foam tank Level 30 gallons			F	F	F	F	F	F
Daily Pump Check			✓	✓	✓	✓	✓	✓
Detailed Pump Check (see pg. 2)								✓
EMS Equipment								
Jump Bags (Airway/Trauma/Peds)			✓	✓	✓	✓	✓	✓
O2 Level			1400	1400	1400	1500		
ECG Monitor			✓	✓	good	✓		
CEP Drug Box / RSI Drug Box			✓	✓	✓	✓	✓	✓
Suction Unit			✓	✓	✓	✓	✓	✓
Miscellaneous Supplies			✓	✓	✓	✓	✓	✓
Drinking Water			✓	✓	✓	✓	✓	✓
FIRE EQUIPMENT								
Hand Tools/Wild Land/Appliances			✓	✓	✓	✓	✓	✓
Engineers Headset/Flashlights			✓	✓	✓	✓	✓	✓
Portable Extinguishers (ABC/PW)			✓	✓	✓	✓	✓	✓
Power Tools / Fuel Cans			✓	✓	✓	✓	✓	✓
Run Power Tools (see back)			✓			✓		
Tool Bag/Tools/Signal			✓	✓	✓	✓	✓	✓
Snake Bite Pole			✓	✓	✓	✓	✓	✓
Foam containers/Eductor			✓	✓	✓	✓	✓	✓
SCBA/Spare Air Bottles			✓	✓	✓	✓	✓	✓
Weekly SCBA Inspection (see pg. 2)							✓	
RIT Bag / Safety Goggles			✓	✓	✓	✓	✓	✓

FIRE EQUIPMENT CONTAINER							
Safety Equipment: Cones, Flares		✓	✓	✓	✓	✓	✓
Wheel Chocks		✓	✓	✓	✓	✓	✓
Ladders		✓	✓	✓		✓	✓
Portable Monitor w/ chains			✓	✓	✓		

DAILY INSPECTIONS CONTINUED

SCBA Checks	Dates	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SCBA 1 Captain			4400	4400	4400		* 4400	9000 h
SCBA 2 Engineer			4100	4200	4200		* 4200	
SCBA 3 FF #1			4300	4200	4400		* 4200	✓
SCBA 4 FF #2			4200	4200	4400		* 4200	
RIC BAG							*	
Valve Functions				(4)	4		4	4
Spare Air Bottles								
Spare 1			4500	45	4100		* 4000	
Spare 2			4400	400	4100		* 4100	
Spare 3			4300	420	4100		* 4100	
Spare 4			4500	45	4100		* 4200	
Spare 5			4400	420	4500		* 4100	
Spare 6			4100	420	4500		* 4100	✓

WEEKLY INSPECTIONS

Check Fluids	Dates	Sun.	Wed.	Tues.
Engine Oil			1/25	
Transmission			Full	
Coolant			✓	
Brake/Air Pressure			✓	
Power Steering			✓	
Wiper Fluid			✓	
Check Battery/Battery			✓	
Check Belts/Hoses			✓	
Check Breather Valve/Transmission			✓	
Check Front Brakes & Lines			✓	
Check Rear Brakes and Lines			✓	
Ck Suspension/Steering Components			✓	
Check Drive Line			✓	
Check for any Fluid Leaks/Note			None	
Check Front/Rear Tire Wear/Tread			Good	

10 Step Air-Brake Check

	Tues.
1. Air Chambers, Air lines	
2. Check Drums/Disc, Shoes/Pads	
3. Test Low Air-Pressure Warning	
4. Automatic Spring Brake Set	
5. Rate of Air-Pressure Build up	
6. Test Air Leakage Rate	
7. Check Air-Compressor Governor	
Cut In/Out	

Check Tire Pressures	LF	RF	LF 120	RF 120
All at 120				
2nd Axle	O-LR	O-RR	O-LR 120	O-RR 120
O = Outside	I-LR	I-RR	I-LR 120	I-RR 120
I = Inside				
3rd Axle	O-LR	O-RR	O-LR 120	O-RR 120
	I-LR	I-RR	I-LR 120	I-RR 120

Detailed Equipment Check

Check gauges:	Date	Sat.
Engine RPM		✓
Temperature		✓
Fuel		✓
Check Pump Volt/Amps		✓
Inspect/Operate Drain Valves		✓
Inspected all Intakes/Discharges		✓
Check Priming Pump Operation		✓
Check Proper Operation of Relief Valve		✓
Flush & Drain Discharges		
1st Sat. of month Flush and Refill Tank		
Foam System Operational Check		

	Mon.	Thurs.
Hydraulic Generator	✓	✓
Portable Generator	✓	✓
Fan's 1 and 2	✓	✓
Circular Saw/Blades	✓	✓
Chain Saw/Inspect Chain	✓	✓
Power plant-Rescue Tool	✓	✓
Spreaders Cutters	✓	✓
Short ram Long Ram	✓	✓
Inspect Saws-all	✓	✓
Refuel as Needed	✓	✓
Check Maint. Tag	✓	✓
Inspect Ladders/Halyards/Locks/etc.		

Perform Weekly SCBA Inspections

(See Weekly SCBA Inspection Sheet)	
Date: 1/27	Initials:
Date: —	Initials:

Weekly Aerial Inspection Checks							
Stabilization System	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Hydraulic Reservoir Level				F			
Hydraulic Leaks				* OK			
Functional Graphic Display Panel				*			
R / L Mid-Ship Stabilizers				✓			
Auxiliary Ground Pads				✓			
Rear Jacks				✓			
Front Cab Jacks				✓			
Stabilizer Interlock Graphic Display				✓			
Audible Warning System				✓			
Aux. Hydraulic Pump				✓			
Hydraulic Transfer / Upper Power				✓			
Emergency Hydraulic Pump/Controls				✓			
Turn Table and Controls							
Breathing Air System Pressure				4500			
Raise / Lower				✓			
Extend / Retract				✓			
360 R / L Full Rotation @ 80 degrees				✓			
Functional Graphic Display Panel				*			
Boom Lights - Alarm Test - Ladder Lights				✓			
PA / PPT Mike				✓			
Turn Table Flood Lights				✓			
Bucket Control Switch				✓			
Safety Override Switch's				✓			
Manual Hydraulic Override Controls				✓			
Pedestal Hydraulic Lines, Any Leaks				✓			
Safety Lines				✓			
Smart Boom Warning System				✓			
Stabilizer Interlock Override				✓			
Rotational Interlock System				✓			
Emergency Hydraulic Controls				✓			
Hydropon Controls							
Functional Graphic Display Panel				*			
Bucket Control Power				✓			
High Range / Creep Mode				✓			
Raise / Lower				✓			
Extend / Retract				✓			
Rotation R / L				✓			
Self Levelling System/Emg. Stop/Disable				✓			
Leveling System Override				✓			
Hyd. Reservoir for Leveling System				✓			
Spot / Flood Lights / Ladder Lights				✓			
Panel Light, Alarm Silence				✓			
Manual and Remote Nozzle Controls				✓			
Master Streams, Aux. Discharges				✓			
Water Control Valves				✓			
Platform Folding Egress Ladder				✓			
Stokes Basket Arms, Lifting Eyes				✓			
Breathing Air Gauge and Hook Ups				✓			
Access/Egress Doors				✓			
Hand Tools / Holders				✓			
Waterway Controls							
5 Ladder Sections, Slide Block Paths				✓			
Aerial Extension / Retraction Cylinders				✓			
Water Way Tubes				✓			
Turn Table Hydraulic Lines				*			
Sheaves and Cables				✓			
Cable Track / Wiring Harness				✓			
Bucket Hydraulic Lines				✓			
Bucket Levelling Cylinders				✓			

Missing or Damaged Components - Please Note Any Discrepancies

Driver side scene light on Vanet = bulb 10.7 exposed on 1/27.

GVFD - Daily Vehicle Check: Ladder 151

Revised: 11/01/2011

Month/Year: JAN/FEB 2012

Shop #: 3140

Dates:		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Crew 1		LANE	MILLER		FINKES	LANE	ZAWALA	MYNICK
Crew 2								
Crew 3								
Crew 4								
Mileage:	1st and 15th	7898	7099		7899	7899	7899	7899
Engine Hrs:	1st and 15th	771	771		772	772	772	772
Aerial Hours	1st and 15th	263.1			263.1	263.2		
Generator Hours	1st and 15th				70.4			
Fuel Level:	Capacity: 65 gallons	F	FULL		F	F	F	FULL
General Equipment								
Warning Lights, Buzzers, etc.		✓	✓		✓	✓	✓	✓
Gauges & Instruments		✓	✓		✓	✓	✓	✓
Oil/Air Pressure		✓	110/100	1	✓	✓	✓	120/50
Oil/Transmission Temp.		✓	✓		✓	✓	✓	✓
Coolant Temp.		✓	✓		✓	✓	✓	✓
Electrical: Volts/Amps		12.6	14.0		14.0	13.1	✓	14.0
Radios/Headsets/Golf Phone/Pager		✓	✓		✓	✓	✓	✓
Clipboard/Paperwork/Maps/Passport		✓	✓		✓	✓	✓	✓
Safety Vest/Brush Shield/Fire Shelter		✓	✓		✓	✓	✓	✓
Survivor Flashlights		✓	✓		✓	✓	✓	✓
Supra Key / Radio		✓	✓		✓	✓	✓	✓
Thermal Camera (TIC) Batteries		✓	✓		✓	✓	✓	✓
Mechanical Equipment								
Lights: Running/warning/scene		✓	✓		✓	✓	✓	✓
Code 3 Equipment		✓	✓		✓	✓	✓	✓
Tires / Wheels		✓	✓		✓	✓	✓	✓
10 Step Air Brake Check (see back)								
Detailed Aerial Check (see pg. 3)								
Aerial PTO - #1		✓	✓			✓	✓	✓
Hydraulic Generator PTO - #2		✓	✓			✓	✓	✓
Cab / Hood Tilt-Eng. Inspect (see pg. 2)		✓	✓			✓	✓	✓
Water Tank Level	300 gallons	F	F		✓	F	F	F
Foam tank Level	30 gallons	F	F		✓	F	F	F
Daily Pump Check		✓	✓		✓	✓	✓	✓
Detailed Pump Check (see pg. 2)								
Medical Equipment								
Jump Bags (Airway/Trauma/Peds)		✓	✓		✓	✓	✓	✓
O2 Level		1400	1100		1600	1400	1500	1500
ECG Monitor		✓	✓		✓	✓	✓	✓
CEP Drug Box / ASI Drug Box		✓	✓		✓	✓	✓	✓
Suction Unit		✓	✓		✓	✓	✓	✓
Miscellaneous Supplies		✓	✓		✓	✓	✓	✓
Drinking Water		✓	✓		✓	✓	✓	✓
Fire Equipment								
Hand Tools / Tools and Appliances		✓	✓		✓	✓	✓	✓
Engineers Headset/Flashlights		✓	✓		✓	✓	✓	✓
Portable Extinguishers (ABC/PW)		✓	✓		✓	✓	✓	✓
Power Tools / Fuel Cans		✓	✓		✓	✓	✓	✓
Run Power Tools (see back)								
Tool Bag / Tools / Equipment		✓	✓		✓	✓	✓	✓
Small Box / Pole		✓	✓		✓	✓	✓	✓
Foam containers/Eductor		✓	✓		✓	✓	✓	✓
SCBA/Spare Air Bottles		✓	✓		✓	✓	✓	✓
Weekly SCBA Inspection (see pg. 2)								
RIT Bag / Safety Ropes		✓	✓		✓	✓	✓	✓
Air/Gas Monitor (check chime on Fri)								

* STEP
LEFT
OUT

* MOVED HYDRAULIC
WHEEL
TO ENGINE ROOM

FIRE EQUIPMENT STATUS							
Safety Equipment: Cones, Flares	✓	✓		✓	✓	✓	
Wheel Chocks	✓XZ	✓		✓XZ	✓XZ	✓	
Ladders	✓	✓		✓		✓	
Portable Monitor w/ chains	—	—		—	—		

Daily Inspections Continued							
SCBA Checks	Sun. 1/29	Mon.	Tues.	Wed.	Thurs. 2/2	Fri.	Sat.
SCBA 1 Captain	45			45	45	*4200	40
SCBA 2 Engineer	45			45	40+	*4200	1
SCBA 3 FF #1	40+			40	40+	*4500	1
SCBA 4 FF #2	40+			40	40+	*4300	✓
RIC BAG	(4)			1	(4)		
MOBILE AIR BOTTLES							
Spare 1	40+			40	40+	*4000	1
Spare 2	40+			40	40+	*4500	
Spare 3	45			45	45	*4500	FILE
Spare 4	45			45	45	*4000	
Spare 5	40+			40	40+	*4200	
Spare 6	45			45	40+	*4100	

WEEKLY INSPECTIONS							
CHIEF / ATTENDING MECHANIC		Sun.	Wed.	10 Step Air-Brake Check			
Check Fluids		01/29	02/01	Tues.			
Engine Oil		✓	✓	1. Air Chambers, Air lines			
Transmission		✓	✓	2. Check Drums/Disc, Shoes/Pads			
Coolant		✓	✓	3. Test Low Air-Pressure Warning			
Brake/Air Pressure		✓	✓	4. Automatic Spring Brake Set			
Power Steering		✓	✓	5. Rate of Air-Pressure Build up			
Wiper Fluid		✓	✓	6. Test Air Leakage Rate			
Check Battery	BATTERIES	✓	✓	7. Check Air-Compressor Governor Cut In/Out			
Check Belts/Hoses		✓	✓				
Check Breather Valve/Transmission		✓	✓				
Check Front Brakes & Lines		✓	✓				
Check Rear Brakes and Lines		—	✓				
Check Suspension/Steering Components		✓	✓				
Check Drive Line		✓	✓				
Check for any Fluid Leaks/Note		✓	✓				
Check Front/Rear Tire Wear/Tread		✓	✓				

Check Tire Pressures		LF 120	RF 120	LF 120	RF 120
All at 120	2nd Axle	O-LR 120	O-RR 118	O-LR 120	O-RR 120
O = Outside		I-LR 120	I-RR 120	I-LR 120	I-RR 120
I = Inside	3rd Axle	O-LR 120	O-RR 118	O-LR 120	O-RR 120
		I-LR 118	I-RR 118	I-LR 120	I-RR 120

Parallel Pump Checks		Date	Sat.	Perform Weekly SCBA Inspections	
Check gauges:				(See Weekly SCBA Inspection Sheet)	
Engine RPM			✓	Date:	Initials:
Temperature			✓		
Fuel			—	Date:	Initials:
Check Pump Volt/Amps			✓		
Inspect/Operate Drain Valves			✓		
Inspected all Intakes/Discharges			✓		
Check Priming Pump Operation			✓		
Check Proper Operation of Relief Valve			✓		
Flush & Drain Discharges			✓		
1st Sat. of month Flush and Refill Tank			—		
Foam System Operational Check			✓		

NOT DO:
WRL PRIC

Weekly Aerial Inspection Checklist							
Stabilization System	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Hydraulic Reservoir Level				Full			
Hydraulic Leaks				None			
Functional Graphic Display Panel				?			
R / L Mid-Ship Stabilizers				✓			
Auxiliary Ground Pads				✓			
Rear Jacks				✓			
Front Cab Jacks				✓			
Stabilizer Interlock Graphic Display				?			
Audible Warning System				✓			
Aux. Hydraulic Pump				✓			
Hydraulic Transfer / Upper Power				✓			
Emergency Hydraulic Pump/Controls				✓			
Turn Table and Controls							
Breathing Air System Pressure							
Raise / Lower				✓✓			
Extend / Retract				✓✓			
360 R / L Full Rotation @ 80 degrees				✓✓			
Functional Graphic Display Panel							
Boom lights - Alarm Test - Ladder Lights				✓			
PA / PPT Mike				✓✓			
Turn Table Flood Lights				✓			
Bucket Control Switch				✓			
Safety Override Switch's.				✓			
Manual Hydraulic Override Controls				✓			
Pedestal Hydraulic Lines, Any Leaks				✗			
Safety Lines				✓			
Smart Boom Warning System				✓			
Stabilizer Interlock Override				✓			
Rotational Interlock System				✓			
Emergency Hydraulic Controls				✓			
Platform Controls							
Functional Graphic Display Panel				✓			
Bucket Control Power				✓			
High Range / Creep Mode				✓			
Raise / Lower				✓			
Extend / Retract				✓			
Rotation R / L				✓			
Self Leveling System/Emg. Stop/Disable				✓			
Leveling System Override				✓			
Hyd. Reservoir for Leveling System				✓			
Spot / Flood Lights / Ladder Lights				✓✓			
Panel Light, Alarm Silence				✓✓			
Manual and Remote Nozzle Controls				✓✓			
Master Streams, Aux. Discharges				✓			
Water Control Valves				✓			
Platform Folding Egress Ladder				✓			
Stokes Basket Arms, Lifting Eyes				✓			
Breathing Air Gauge and Hook Ups				✓			
Access/Egress Doors				✓			
Hand Tools / Holders				✓			
Vegetation Control Equipment							
5 Ladder Sections, Slide Block Paths				✓			
Aerial Extension / Retraction Cylinders				✓			
Water Way Tubes				✓			
Turn Table Hydraulic Lines				✓			
Sheaves and Cables				✓			
Cable Track / Wiring Harness				✓			
Bucket Hydraulic Lines				✓			
Bucket Leveling Cylinders				✓			

17013510300000

2014年12月15日

● 1997年12月1日

BEH-NOIS-AD

505019

Abstract

Figure 6

THE

[illegible]

GVFD - Daily Vehicle Check: Tower 131

Revised: 4/4/2010

Month/Year: Feb/11

Shop #: 3140

Dates:		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Crew 1		Zavala	Conrad	Christie	Christie	Zavala	Conrad	Zavala
Crew 2								
Crew 3								
Crew 4								
Mileage:	1st and 15th	6509	6509	6510	6510	6515	6515	6515
Engine Hrs:	1st and 15th	556	556	557	557	558	558	558
Aerial Hours	1st and 15th			0307	0207			
Generator Hours	1st and 15th			47.6				
Fuel Level: Capacity: 65 gallons		7/8	7/8	3/4	3/4	3/4	3/4	3/4
Warning Lights, Buzzers, etc.								
Gauges & Instruments		✓	✓	✓	✓		✓	✓
Oil/Air Pressure		✓	*✓	✓	✓		✓	✓
Oil/Transmission Temp.		✓	✓	✓	✓		✓	✓
Coolant Temp.		✓	✓	✓	✓		✓	✓
Electrical: Volts/Amps		✓	✓	✓	✓		✓	✓
Radios/Headsets/Cell Phone/Pager		✓	✓	✓	✓		✓	✓
Clipboard/Paperwork/Maps/Passport		✓	✓	✓	✓		✓	✓
Safety Vest/Brush Shirts/Fire Shelter		✓	✓	✓	✓		✓	✓
Survivor Flashlights		4	✓x4	✓x4	✓x4		✓x4	4
Supra Key / RAD Detector		✓	✓	✓	✓		✓	✓
Thermal Camera (TIC) Batteries		✓	✓	✓	✓		✓	✓
Lights: Running/warning/scene								
Code 3 Equipment		✓	✓	✓	✓		✓	✓
Tires / Wheels		✓	✓	✓	✓		✓	✓
10 Step Air Brake Check (see back)				*				
Detailed Aerial Check (see pg. 3)				*				
Aerial PTO - #1		✓	✓	✓	✓		✓	✓
Hydraulic Generator PTO - #2		✓	✓	✓	✓		✓	✓
Cab / Hood Tilt-Eng. Inspect (see pg. 2)		*✓			*✓			
Water Tank Level 300 gallons		✓	✓	✓	✓		✓	✓
Foam tank Level 30 gallons		✓	✓	✓	✓		✓	✓
Daily Pump Check		✓	✓	✓	✓		✓	✓
Detailed Pump Check (see pg. 2)								*
Jump Bags (Airway/Trauma/Peds)								
O2 Level		✓	✓	1106	1100		1100	1000
ECG Monitor (Weekly Detail Check)		✓	✓	✓	✓		✓	✓
CEP Drug Box / RSI Drug Box		✓	✓	✓	✓		✓	✓
Suction Unit		✓	✓	✓	✓		✓	✓
Miscellaneous Supplies		✓	✓	✓	✓		✓	✓
Drinking Water		✓	✓	✓	✓		✓	✓
Hand Tools/Wild Land/Appliances								
Engineers Headset/Flashlights		✓	✓	✓	✓		✓	✓
Portable Extinguishers (ABC/PW)		✓	✓	✓	✓		✓	✓
Power Tools / Fuel Cans		✓	✓	✓	✓		✓	✓
Run Power Tools (see back)			*			*		
Tool Bag/Tools/Slim Jim			✓	✓	✓		✓	✓
Snake Box/Pole			✓	✓	✓		✓	✓
Foam containers/Eductor			✓	✓	✓		✓	✓
SCBA/Spare Air Bottles			✓	✓	✓		✓	✓
Weekly SCBA Inspection (see pg. 2)							✓	✓
RIT Bag / Safety Ropes			✓	✓	✓		✓	✓
Air/Gas Monitor (check charge on Fri.)			✓	✓	✓		✓	✓

Safety Equipment: Cones, Flares		✓		✓		✓	✓
Wheel Chocks		✓		✓		✓	✓
Ladders		✓		✓			✓
Portable Monitor w/ chains		✓		✓		✓	✓

SCBA	Personnel	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SCBA 1	Captain		4400		4400	4500	* 4500	4500
SCBA 2	Engineer		4500		4500	4500	* 4500	4500
SCBA 3	FF #1		4400		4400	4500	* 4500	4500
SCBA 4	FF #2					4500	* 4500	4500
RIC BAG								
Voice Recorder						4	4	4
Spare 1			4500		4500	4500	* 4500	4500
Spare 2			4500		4500	4500	* 4500	4500
Spare 3			4500		4500	4500	* 4500	4500
Spare 4			4400		4400	4500	* 4500	4500
Spare 5			4400		4400	4500	* 4500	4500
Spare 6			4500		4500	4500	* 4500	4500

WEEKLY INSPECTIONS

Check	Sun.	Wed.
Check Fluids		2/27
Engine Oil		✓
Transmission		✓
Coolant		✓
Brake/Air Pressure		✓
Power Steering		✓
Wiper Fluid		✓
Check Battery/Battery		✓
Check Belts/Hoses		✓
Check Breather Valve/Transmission		✓
Check Front Brakes & Lines		✓
Check Rear Brakes and Lines		✓
Check Suspension/Steering Components		✓
Check Drive Line		✓
Check for any Fluid Leaks/Note		✓
Check Front/Rear Tire Wear/Tread		✓

10 Step Air-Brake Check	Tues.
1. Air Chambers, Air lines	
2. Check Drums/Disc, Shoes/Pads	
3. Test Low Air-Pressure Warning	
4. Automatic Spring Brake Set	
5. Rate of Air-Pressure Build up	
6. Test Air Leakage Rate	
7. Check Air-Compressor Governor Cut In/Out	

Check Tire Pressures	LF	RF	LF 120	RF 120
All at 120				
2nd Axle	O-LR	O-RR	O-LR 120	O-RR 120
O = Outside	I-LR	I-RR	I-LR 120	I-RR 120
I = Inside				
3rd Axle	O-LR	O-RR	O-LR 120	O-RR 120
	I-LR	I-RR	I-LR 120	I-RR 120

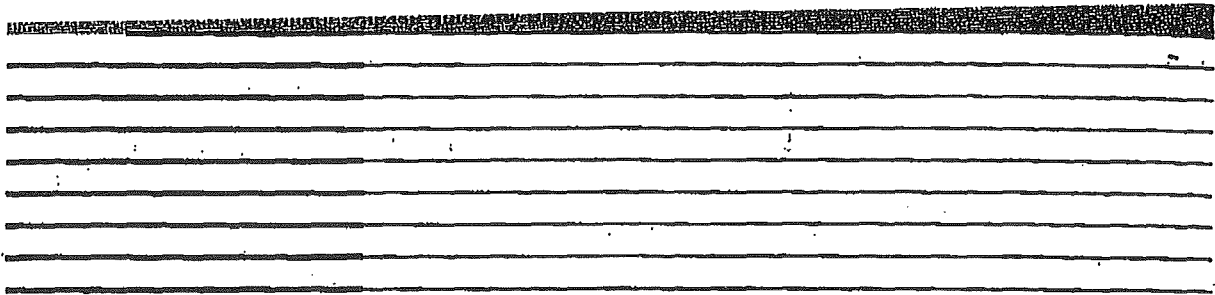
Check gauges:	Date	2/26
Engine RPM		✓
Temperature		✓
Fuel		✓
Check Pump Volt/Amps		✓
Inspect/Operate Drain Valves		✓
Inspected all Intakes/Discharges		✓
Check Priming Pump Operation		✓
Check Proper Operation of Relief Valve		✓
Flush & Drain Discharges		✓
1st Sat. of month Flush and Refill Tank		
Foam System Operational Check		

	Mon.	Thurs.
Hydraulic Generator	✓	✓
Portable Generator	✓	✓
Fan's 1 and 2	✓	✓
Circular Saw/Blades	✓	✓
Chain Saw/Inspect Chain	✓	✓
Power plant-Rescue Tool	✓	✓
Spreaders Cutters	✓	✓
Short ram Long Ram	✓	✓
Inspect Saws-all	✓	✓
Refuel as Needed	✓	✓
Check Maint. Tag	✓	✓
Inspect Ladders/Halyards/Locks/etc.		✓

Perform Weekly SCBA Inspections
(See Weekly SCBA Inspection Sheet)
Date: 2-25-11 Initials: D.B.
Date: Initials: N/A

8 Low Air Alarm when started 2/27/11 GC

Weekly Inspection Dates							
Stabilization System	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Hydraulic Reservoir Level			✓				
Hydraulic Leaks			✓				
Functional Graphic Display Panel			✓				
R / L Mid-Ship Stabilizers			✓				
Auxiliary Ground Pads			✓				
Rear Jacks			✓				
Front Cab Jacks			✓				
Stabilizer Interlock Graphic Display			✓				
Audible Warning System			✓				
Aux. Hydraulic Pump			✓				
Hydraulic Transfer / Upper Power			✓				
Emergency Hydraulic Pump/Controls			✓				
Turn Table Controls							
Breathing Air System Pressure			✓				
Raise / Lower			✓				
Extend / Retract			✓				
360 R / L Full Rotation @ 80 degrees			✓				
Functional Graphic Display Panel			✓				
Boom lights - Alarm Test - Ladder Lights			✓				
PA / PPT Mike			✓				
Turn Table Flood Lights			✓				
Bucket Control Switch			✓				
Safety Override Switch's			✓				
Manual Hydraulic Override Controls			✓				
Pedestal Hydraulic Lines, Any Leaks			✓				
Safety Lines			✓				
Smart Boom Warning System			✓				
Stabilizer Interlock Override			✓				
Rotational Interlock System			✓				
Emergency Hydraulic Controls			✓				
Platform Controls							
Functional Graphic Display Panel			✓				
Bucket Control Power			✓				
High Range / Creep Mode			✓				
Raise / Lower			✓				
Extend / Retract			✓				
Rotation R / L			✓				
Self Leveling System/Erg. Stop/Disable			✓				
Leveling System Override			✓				
Hyd. Reservoir for Leveling System			✓				
Spot / Flood Lights / Ladder Lights			✓				
Panel Light, Alarm Silence			✓				
Manual and Remote Nozzle Controls			✓				
Master Streams, Aux. Discharges							
Water Control Valves			✓				
Platform Folding Egress Ladder			✓				
Stokes Basket Arms, Lifting Eyes			✓				
Breathing Air Gauge and Hook Ups			✓				
Access/Egress Doors			✓				
Hand Tools / Holders			✓				
Waterway Section / Ladder / Tower							
5 Ladder Sections, Slide Block Paths			✓				
Aerial Extension / Retraction Cylinders			✓				
Water Way Tubes			✓				
Turn Table Hydraulic Lines			✓				
Sheaves and Cables			✓				
Cable Track / Wiring Harness			✓				
Bucket Hydraulic Lines			✓				
Bucket Leveling Cylinders			✓				



GVFD - Daily Vehicle Check: Ladder 151

Revised: 11/01/2011

Month/Year: _____

Shop #: 3140

Dates:	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Crew 1	MILLER	Christensen		CHRISTENSEN	MILLER		MILLER
Crew 2							
Crew 3							
Crew 4							
Mileage: 1st and 15th	8030	8044		8054	8093	8093	8093
Engine Hrs: 1st and 15th	788	788		789	794	795	795
Aerial Hours 1st and 15th	268.4				268.4		268.4
Generator Hours 1st and 15th							
Fuel Level: Capacity: 65 gallons	7/8	7/8		Full	3/4		Full
Vehicle Inspection Panel							
Warning Lights, Buzzers, etc.	✓	✓		✓	✓	✓	✓
Gauges & Instruments	✓	✓		✓	✓	✓	✓
Oil/Air Pressure	✓	✓		✓	✓	✓	✓
Oil/Transmission Temp.	✓	✓		✓	✓	✓	✓
Coolant Temp.	✓	✓		✓	✓	✓	✓
Electrical: Volts/Amps	✓	✓		✓	✓	✓	✓
Radios/Headsets/Cell Phone/Pager	✓	✓		✓	✓	✓	✓
Clipboard/Paperwork/Maps/Passport	✓	✓		✓	✓	✓	✓
Safety Vest/Briar/Chin Strap/Chatter	✓	✓		✓	✓	✓	✓
Survivor Flashlights	✓	✓		✓	✓	✓	✓
Supra Key / P.A.D. Detector	✓	✓		✓	✓	✓	✓
Thermal Camera (TIC) Batteries	✓	✓		✓	✓	✓	✓
Mechanical Inspection							
Lights: Running/warning/scene	✓	✓		✓	✓	✓	✓
Code 3 Equipment	✓	✓		✓	✓	✓	✓
Tires / Wheels	✓	✓		✓	✓	✓	✓
10 Step Air Brake Check (see back)							
Detailed Aerial Check (see pg. 3)				✓			
Aerial PTO - #1	✓	✓		✓	✓	✓	✓
Hydraulic Generator PTO - #2	✓	✓		✓	✓	✓	✓
Cab / Hood Tilt-Eng. Inspect (see pg. 2)	✓			✓			
Water Tank Level 300 gallons	✓	Full		✓	F	✓	Full
Foam tank Level 30 gallons	✓	✓		✓	F	✓	Full
Daily Pump Check	✓	✓		✓	✓	✓	✓
Detailed Pump Check (see pg. 2)							✓
FASE Equipment							
Jump Bags (Airway/Trauma/Peds)	✓	✓		✓		✓	✓
O2 Level	1500	1500		1500		1500	1000
ECG Monitor	✓	✓		✓		✓	✓
CEP Drug Box / RSI Drug Box	✓	✓		✓		✓	✓
Suction Unit	✓	✓		✓		✓	✓
Miscellaneous Supplies	✓	✓		✓		✓	✓
Drinking Water	✓	✓		✓		✓	✓
Fire Equipment							
Hand Tools/Wild Land/Tools/Tools	✓	✓		✓	✓	✓	✓
Engineers Headset/Flashlights	✓	✓		✓	✓	✓	✓
Portable Extinguishers (ABC/PW)	✓	✓		✓	✓	✓	✓
Power Tools / Fuel Cans	✓	✓		✓	✓	✓	✓
Run Power Tools (see back)		✓			✓		
Tool Bag/Tools/Supplies	✓	✓		✓	✓	✓	✓
Shovel/Box/Pole	✓	✓		✓	✓	✓	✓
Foam Containers/Eductor	✓	✓		✓	✓	✓	✓
SCBA/Spare Air Bottles	✓	✓		✓	1+1	✓	1+1
Weekly SCBA Inspection (see pg. 2)						✓	
Run Bag / Safety Ropes	✓	✓		✓	✓	✓	✓
Air/Gas Monitor (check charge on Fri.)	✓	✓			✓		✓

FIRE EQUIPMENT CHECKLIST							
Safety Equipment: Cones, Flares	✓	✓		✓	✓	✓	✓
Wheel Chocks	✓	✓		✓	✓		✓
Ladders	✓	✓		✓		✓	✓
Portable Monitor w/ chains	—			✓	—		—

Daily Inspection Schedule		12/08/13						
SCBA	Inspector	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SCBA 1	Captain		4400		4100	4100	*4000	4100
SCBA 2	Engineer		4100		4100		*4000	4000
SCBA 3	FF #1		4000		4400		*4000	4000
SCBA 4	FF #2		4100		4200		*4500	4400
RIC BAG							*	
Voice Amplifiers								

Spare Air Cylinders								
Spare 1	POSSIBLE LEAK VALUE X	4200	4500	4500	4500	4200	* 4400	4300
Spare 2		4400	4500	4400	4400	4400	* 4400	4200
Spare 3		4400	4500	4400	4400	4300	* 4500	4300
Spare 4		4400	4500	4400	4400	4400	* 4400	4200
Spare 5		500	4500	4500	4500	4500	* 4500	4500
Spare 6		4500	4500	4100	4100	OUT TO SHOP REPAIR		

WEEKLY INSPECTIONS

Checklist		Sun.	Wed.
Check Fluids		03/04	
Engine Oil	Dates	✓	✓
Transmission		✓	✓
Coolant		✓	✓
Brake/Air Pressure		✓	✓
Power Steering		✓	✓
Wiper Fluid		✓	✓
Check Battery/Battery		✓	✓
Check Belts/Hoses		✓	✓
Check Breather Valve/Transmission		✓	✓
Check Front Brakes & Lines		✓	✓
Check Rear Brakes and Lines		—	—
Check Suspension/Steering Components		—	—
Check Drive Line		✓	✓
Check for any Fluid Leaks/Note		✓	✓
Check Front/Rear Tire Wear/Tread		✓	✓

Check Tire Pressures	LF	RF	LF	RF
1st Axle	120	120	122	122
2nd Axle	120	120	122	122
3rd Axle	120	120	122	122

Check gauges:		Date	Sat.
Engine RPM			✓
Temperature			✓
Fuel			—
Check Pump Volt/Amps			✓
Inspect/Operate Drain Valves			✓
Inspected all Intakes/Discharges			✓
Check Priming Pump Operation			✓
Check Proper Operation of Relief Valve			✓
Flush & Drain Discharges			✓
1st Sat. of month Flush and Refill Tank			—
Foam System Operational Check			✓

10 Step Air-Brake Check		Tues.
1. Air Chambers, Air lines		
2. Check Drums/Disc, Shoes/Pads		
3. Test Low Air-Pressure Warning		
4. Automatic Spring Brake Set		
5. Rate of Air-Pressure Build up		
6. Test Air Leakage Rate		
7. Check Air-Compressor Governor Cut In/Out		

		Mon.	Thurs.
Hydraulic Generator		✓	✓
Portable Generator		—	—
Fan's 1 and 2		✓	✓
Circular Saw/Blades		✓	✓
Chain Saw/Inspect Chain		✓	✓
Power plant-Rescue Tool		✓	✓
Spreaders Cutters		—	—
Short ram Long Ram		—	—
Inspect Saws-all		✓	—
Refuel as Needed		✓	✓
Check Maint. Tag		—	—
Inspect Ladders/Halyards/Locks/etc.			

Perform Weekly SCBA Inspections	
(See Weekly SCBA Inspection Sheet)	
Date: 3/4/12	Initials: BL
Date:	Initials:

Weekly Aerial Inspection Checklist							
Stabilization System - Daily	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Hydraulic Reservoir Level				✓			
Hydraulic Leaks				✓			
Functional Graphic Display Panel				✓			
R / L Mid-Ship Stabilizers				✓			
Auxiliary Ground Pads				✓			
Rear Jacks				✓			
Front Cab Jacks				✓			
Stabilizer Interlock Graphic Display				✓			
Audible Warning System				✓			
Aux. Hydraulic Pump				✓			
Hydraulic Transfer / Upper Power				✓			
Emergency Hydraulic Pump/Controls							
Boom Hydraulic Controls							
Breathing Air System Pressure				4460			
Raise / Lower				✓			
Extend / Retract				✓			
360 R / L Full Rotation @ 80 degrees				✓			
Functional Graphic Display Panel				✓			
Boom Lights - Alarm Test - Ladder Lights				✓			
PA / PPT Mike				✓			
Turn Table Flood Lights				✓			
Bucket Control Switch				✓			
Safety Override Switch's				✓			
Manual Hydraulic Override Controls							
Pedestal Hydraulic Lines, Any Leaks				✓			
Safety Lines				✓			
Smart Boom Warning System							
Stabilizer Interlock Override							
Rotational Interlock System							
Emergency Hydraulic Controls							
Bucket Controls - Daily							
Functional Graphic Display Panel				✓			
Bucket Control Power				✓			
High Range / Creep Mode				✓			
Raise / Lower				✓			
Extend / Retract				✓			
Rotation R / L				✓			
Self Leveling System/Emg. Stop/Disable				✓			
Leveling System Override							
Hyd. Reservoir for Leveling System				✓			
Spot / Flood Lights / Ladder Lights				✓			
Panel Light, Alarm Silence				✓			
Manual and Remote Nozzle Controls				✓			
Master Streams, Aux. Discharges				✓			
Water Control Valves				✓			
Platform Folding Egress Ladder				✓			
Stokes Basket Arms, Lifting Eyes				✓			
Breathing Air Gauge and Hook Ups				✓			
Access/Egress Doors				✓			
Hand Tools / Holders				✓			
Visual Inspection of Retraction System							
5 Ladder Sections, Slide Block Paths							
Aerial Extension / Retraction Cylinders							
Water Way Tubes							
Turn Table Hydraulic Lines							
Sheaves and Cables							
Cable Track / Wiring Harness							
Bucket Hydraulic Lines							
Bucket Leveling Cylinders							

MISSING OR DAMAGED COPY OF: [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

GVFD - Daily Vehicle Check: Ladder 151

Revised: 11/01/2011

Month/Year: _____

Shop #: 3140

Dates:	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Crew 1	CHRISTENSEN	Angel (kg)					MILNER
Crew 2							
Crew 3							
Crew 4							
Mileage: 1st and 15th	8142	8187					8287
Engine Hrs: 1st and 15th	804	809					825
Aerial Hours 1st and 15th							282.5
Generator Hours 1st and 15th							
Fuel Level: Capacity: 65 gallons		42.4					44
Cab Controls/Instrument Panel/Equipment							
Warning Lights, Buzzers, etc.	✓	✓					✓
Gauges & Instruments	✓	✓					✓
Air Pressure	✓	✓					10/110
Oil/Transmission Temp.	✓	✓					✓
Coolant Temp.	✓	✓					✓
Electrical: Volts/Amps	✓	✓					✓
Radios/Headsets/Cell Phone/Pager	✓	✓					✓
Clipboard/Paperwork/Maps/Passport	✓	✓					✓
Safety Vest/Brush Shirts/Fire Shelter	✓	✓					✓
Survivor Flashlights	✓ 4	✓					2x4
Supra Key / RAD Detector	✓	✓					✓
Thermal Camera (TIC) Batteries	✓	✓					✓
Mechanical/Engine							
Lights: Running/warning/scene	✓	✓					✓
Code 3 Equipment	✓	✓					✓
Tires / Wheels	✓	✓					✓
10 Step Air Brake Check (see back)							
Detailed Aerial Check (see pg. 3)							
Aerial PTO - #1	✓	✓					✓
Hydraulic Generator PTO - #2	✓	✓					✓
Cab / Hood Tilt-Eng. Inspect (see pg. 2)							
Water Tank Level 300 gallons	✓ Full	F					F
Foam tank Level 30 gallons	✓ Full	F					F
Daily Pump Check	✓	✓					✓
Detailed Pump Check (see pg. 2)							✓
EMS Equipment							
Jump Bags(Airway/Trauma/Peds)	✓	✓					✓
O2 Level	100%	✓ 200					
ECG Monitor	✓	New in box					INBC OFFICE
CEP Drug Box / RSI Drug Box	✓	✓					INBC OFFICE
Suction Unit	✓	✓					✓
Miscellaneous Supplies	✓	✓					✓
Drinking Water	✓	✓					✓
Fire Equipment							
Hand Tools/Wild Land/Appliances	✓	✓					✓
Engineers Headset/Flashlights	✓	✓					✓
Portable Extinguishers(ABC/PW)	✓	✓					✓
Power Tools / Fuel Cans	✓	✓					✓
Run Power Tools (see back)							
Tool Bag/Tools/Blowdown	✓	✓					✓
Snake Box/Pole	✓	✓					✓
Foam Concentrators/Eductor	✓	✓					✓
SCBA/Spare Air Bottles	✓	✓					✓
Weekly SCBA Inspection (see pg. 2)							
Rope / Safety Ropes	✓	✓					✓
Air/Gas Monitor (check charge on Fri.)	✓	✓					✓

*

INBC OFFICE

INBC OFFICE

FIRE EQUIPMENT CONTAINER							
Safety Equipment: Cones, Flares	✓	✓					✓
Wheel Chocks	✓	✓					✓
Ladders	✓	✓					✓
Portable Monitor w/ chains	✓	✓					✓

DAILY INSPECTIONS CONTINUED

SCBA #	Inspector	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SCBA 1	Captain	4400	40+				*	4500
SCBA 2	Engineer	4400	X				*	4500
SCBA 3	FF #1	4500	4				*	4500
SCBA 4	FF #2	4200					*	
RIC BAG							*	

WATER BOTTLES

Spare #	Inspector	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Spare 1		4400	40+				*	4500
Spare 2		4500	X				*	4300
Spare 3		4400	4				*	4000
Spare 4		4500					*	4500
Spare 5		4100					*	4500
Spare 6		4000					*	4500

WEEKLY INSPECTIONS

Check Fluids		Sun.	Wed.	10 Step Air-Brake Check		Tues.
Engine Oil	Dates			1. Air Chambers, Air lines		
Transmission				2. Check Drums/Disc, Shoes/Pads		
Coolant				3. Test Low Air-Pressure Warning		
Brake/Air Pressure				4. Automatic Spring Brake Set		
Power Steering				5. Rate of Air-Pressure Build up		
Wiper Fluid				6. Test Air Leakage Rate		
Check Battery				7. Check Air-Compressor Governor		
Check Belts/Hoses				Cut In/Out		
Check Breather Valve/Transmission						
Check Front Brakes & Lines						
Check Rear Brakes and Lines						
Check Suspension/Steering Components						
Check Drive Line						
Check for any Fluid Leaks/Note						
Check Front/Rear Tire Wear/Tread						

Check Tire Pressures	LF	RF	LF	RF
All at 120				
O = Outside	2nd Axle	O-LR	O-RR	O-LR
I = Inside		I-LR	I-RR	I-LR
	3rd Axle	O-LR	O-RR	O-LR
		I-LR	I-RR	I-LR

WATER BOTTLES

Check gauges:	Date	Sat.
Engine RPM		✓
Temperature		✓
Fuel		✓
Check Pump Volt/Amps		✓
Inspect/Operate Drain Valves		✓
Inspected all Intakes/Discharges		✓
Check Priming Pump Operation		✓
Check Proper Operation of Relief Valve		✓
Flush & Drain Discharges		✓
1st Sat. of month Flush and Refill Tank		✓
Foam System Operational Check		✓

	Mon.	Thurs.
Hydraulic Generator	✓	
Portable Generator	✓	
Fan's 1 and 2	✓	
Circular Saw/Blades	✓	
Chain Saw/Inspect Chain	✓	
Power plant-Rescue Tool	✓	
Spreaders Cutters	✓	
Short ram Long Ram	✓	
Inspect Saws-all	✓	
Refuel as Needed	✓	
Check Maint. Tag	✓	
Inspect Ladders/Halyards/Locks/etc.		Thurs.

Perform Weekly SCBA Inspections	
(See Weekly SCBA Inspection Sheet)	
Date:	Initials:
Date:	Initials:

Weekly Aerial Inspection Checks

Stabilization System - Dates	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Hydraulic Reservoir Level							
Hydraulic Leaks							
Functional Graphic Display Panel							
R / L Mid-Ship Stabilizers							
Auxiliary Ground Pads							
Rear Jacks							
Front Cab Jacks							
Stabilizer Interlock Graphic Display							
Audible Warning System							
Aux. Hydraulic Pump							
Hydraulic Transfer / Upper Power							
Emergency Hydraulic Pump/Controls							
Turn Table and Controls							
Breathing Air System Pressure							
Raise / Lower							
Extend / Retract							
360 R / L Full Rotation @ 80 degrees							
Functional Graphic Display Panel							
Boom Lights - Alarm Test - Ladder Lights							
PA / PPT Mike							
Turn Table Flood Lights							
Bucket Control Switch							
Safety Override Switch's							
Manual Hydraulic Override Controls							
Pedestal Hydraulic Lines, Any Leaks							
Safety Lines							
Smart Boom Warning System							
Stabilizer Interlock Override							
Rotational Interlock System							
Emergency Hydraulic Controls							
Platform Controls							
Functional Graphic Display Panel							
Bucket Control Power							
High Range / Creep Mode							
Raise / Lower							
Extend / Retract							
Rotation R / L							
Self Levelling System/Emg. Stop/Disable							
Leveling System Override							
Hyd. Reservoir for Leveling System							
Spot / Flood Lights / Ladder Lights							
Panel Light, Alarm Silence							
Manual and Remote Nozzle Controls							
Master Streams, Aux. Discharges							
Water Control Valves							
Platform Folding Egress Ladder							
Stokes Basket Arms, Lifting Eyes							
Breathing Air Gauge and Hook Ups							
Access/Egress Doors							
Hand Tools / Holders							
Aerial Extension or Retraction							
5 Ladder Sections, Slide Block Paths							
Aerial Extension / Retraction Cylinders							
Water Way Tubes							
Turn Table Hydraulic Lines							
Sheaves and Cables							
Cable Track / Wiring Harness							
Bucket Hydraulic Lines							
Bucket Leveling Cylinders							

Missing or Damaged Equipment: Please Note: A two (2) square inch

[illegible]

GVFD - Daily Vehicle Check: Tower 151

Revised: 9/12/2010

Month/Year: March 11

Shop #: 3140

Dates:	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Crew 1	Comaduro			ZAVEN	MILLER	BAVALA	MILLER
Crew 2		BAVALA					
Crew 3							
Crew 4							
Mileage: 1st and 15th	6631	6632			6681	6697	6697
Engine Hrs: 1st and 15th	576	576			578	578	578
Aerial Hours 1st and 15th					213.3		213.3
Generator Hours 1st and 15th							
Fuel Level: Capacity: 65 gallons	Full	F			Full	F	1/8
Safety/Control/Instrument/Personal							
Warning Lights, Buzzers, etc.	✓	✓			✓	✓	✓
Gauges & Instruments	✓	✓			✓	✓	✓
Oil/Air Pressure *	✓	✓			✓	✓	✓ LOW AIR -50
Oil/Transmission Temp.	✓	✓			✓	✓	✓
Coolant Temp.	✓	✓			✓	✓	✓
Electrical: Volts/Amps	✓	✓			✓	✓	✓
Radios/Headsets/Cell Phone/Pager	✓	✓			✓	✓	✓
Clipboard/Paperwork/Maps/Passport	✓	✓			✓	✓	✓
Safety Vest/Seat Belt/Choke/First Aid Kit	✓	✓			✓	✓	✓
Survivor Flashlights (SWIFT WIRE)	✓	✓			✓	✓	✓
Supra Key / RAD Detector	✓	✓			✓	✓	✓
Thermal Camera (TIC) Batteries	✓	✓			✓	✓	✓
Mechanical/Electrical							
Lights: Running/warning/scene	✓	✓			✓	✓	✓
Code 3 Equipment	✓	✓			✓	✓	✓
Tires / Wheels	✓	✓			✓	✓	✓
10 Step Air Brake Check (see back)							
Detailed Aerial Check (see pg. 3)							
Aerial PTO - #1	✓	✓			✓	✓	✓
Hydraulic Generator PTO - #2	✓	✓			✓	✓	✓
Cab / Hood Tilt-Eng. Inspect (see pg. 2)	✓	✓			✓	✓	✓
Water Tank Level 300 gallons	✓	F			Full	F	Full
Foam tank Level 30 gallons	✓	F			Full	F	Full
Daily Pump Check	✓	✓			OK	✓	✓
Detailed Pump Check (see pg. 2)							
EMS Equipment							
Jump Bags (Airway/Trauma/Peds)	✓	✓			✓	✓	✓
O2 Level	1700	1600			2000	1700	2000
ECG Monitor	✓	✓			✓	✓	✓
CEP Drug Box / RSI Drug Box	✓	✓			✓	✓	✓
Suction Unit	✓	✓			✓	✓	✓
Miscellaneous Supplies	✓	✓			✓	✓	✓
Drinking Water	✓	✓			✓	✓	✓
FIRE EQUIPMENT							
Hand Tools/Wild Land/Appliances	✓	✓			✓	✓	✓
Engineers Headset/Flashlights	✓	✓			✓	✓	✓
Portable Extinguishers (ABC/PW)	✓	✓			✓	✓	✓
Power Tools / Fuel Cans	✓	✓			✓	✓	✓
Run Power Tools (see back)		✓			✓		
Tool Bag/Tools/Slim Jim	✓	✓			✓	✓	✓
Snake Box/Pole	✓	✓			✓	✓	✓
Foam containers/Eductor	✓	✓			✓	✓	✓
SCBA/Spare Air Bottles	✓	✓			✓	✓	✓
Weekly SCBA Inspection (see pg. 2)						✓	
RIT Bag / Safety Ropes	✓	✓			✓	✓	✓

* DRUG BOX
* NEW MESSAGES

Weekly Aerial Inspection Check

Stabilization System - Bares	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Hydraulic Reservoir Level				✓			
Hydraulic Leaks				✓			
Functional Graphic Display Panel				✓			
R / L Mid-Ship Stabilizers				✓			
Auxiliary Ground Pads				✓			
Rear Jacks				✓			
Front Cab Jacks				✓			
Stabilizer Interlock Graphic Display				✓			
Audible Warning System				✓			
Aux. Hydraulic Pump				✓			
Hydraulic Transfer / Upper Power				✓			
Emergency Hydraulic Pump/Controls				✓			
Turn Table and Controls							
Breathing Air System Pressure				4800			
Raise / Lower				✓			
Extend / Retract				✓			
360 R / L Full Rotation @ 80 degrees				✓			
Functional Graphic Display Panel				✓			
Boom lights - Alarm Test - Ladder Lights				✓			
PA / PPT Mike				✓			
Turn Table Flood Lights				✓			
Bucket Control Switch				✓			
Safety Override Switch's				✓			
Manual Hydraulic Override Controls				✓			
Pedestal Hydraulic Lines, Any Leaks				✓			
Safety Lines				✓			
Smart Boom Warning System				✓			
Stabilizer Interlock Override				✓			
Rotational Interlock System				✓			
Emergency Hydraulic Controls				✓			
Platform Controls - Boom							
Functional Graphic Display Panel				✓			
Bucket Control Power				✓			
High Range / Creep Mode				✓			
Raise / Lower				✓			
Extend / Retract				✓			
Rotation R / L				✓			
Self Levelling System/Emg. Stop/Disable				✓			
Levelling System Override				✓			
Hyd. Reservoir for Levelling System				F			
Spot / Flood Lights / Ladder Lights				✓			
Panel Light, Alarm Silence				✓			
Manual and Remote Nozzle Controls				✓			
Master Streams, Aux. Discharges				✓			
Water Control Valves				✓			
Platform Folding Egress Ladder				✓			
Stokes Basket Arms, Lifting Eyes				✓			
Breathing Air Gauge and Hook Ups				✓			
Access/Egress Doors				✓			
Hand Tools / Holders				✓			
Visual Inspection - Ladder							
5 Ladder Sections, Slide Block Paths				✓			
Aerial Extension / Retraction Cylinders				✓			
Water Way Tubes				✓			
Turn Table Hydraulic Lines				✓			
Sheaves and Cables				✓			
Cable Track / Wiring Harness				✓			
Bucket Hydraulic Lines				✓			
Bucket Levelling Cylinders				✓			