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## VEHICLE REPLACEMENT SCHEDULE

### SCOPE

This guideline shall apply to all members of the Stoney Point Fire Department (SPFD) and shall be adhered to by all members.

### PURPOSE

This procedure identifies a system of apparatus replacement. The use of the system will provide enhanced personal safety for the individual firefighter, and will provide the organization a means to plan for the financial aspect associated with apparatus purchasing.

**Policy Number**  
**6A.008**  
**Page 1 of 4**

### DEFINITIONS

**SHALL** - Indicates a mandatory requirement.

### GUIDELINES

All fire department vehicles will be evaluated annually by the apparatus replacement committee during the month of December.

The Department day supervisor in conjunction with the Maintenance Officer will conduct the evaluation.

Vehicles will be given a score based on 10 categories. Each Fire department vehicle will be assessed points in the following categories, Cab Assembly, Body Assembly, Drive Train, Suspension, Fire Pump, Electrical System, Mileage, Cost Per Mile, Age and Overall Appearance.



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## Mechanical Condition

- No mechanical conditions
- Vehicle has common mechanical issues for its age
- Vehicle is having mechanical issues however parts are in good supply.
- Vehicle has multiple issues and is not reliable vehicle is not safe to operate

## Pump Condition

- Pump is in new condition less than 300 hours on pump
- Pump passes service test basic pump Maintenance
- Pump passes service test but will need work to continue to pass
- Pump needs work in order to pass service test
- Pump will not pass service test pump needs to be rebuilt s

**Policy Number**

**6A.008**

**Page 2 of 4**

## Body Condition

- Body is in as new condition
- Body is in very good condition with minor paint chips interior condition is good
- Body is in good condition the paint is starting to lose some luster and there are multiple paint chips some small areas of rust interior condition is fare
- Body is in poor condition paint is in poor condition and needs to be repainted the interior needs to be recovered.



## Cost to Operate

- Cost to operate is within expected amounts no issues
- Cost to operate is within budget but is increasing with age
- Cost to operate is within budget but some issues will have to be addressed
- Cost to operate is not within budget major issues need to be addressed
- Cost to operate vehicle is not within budget and the vehicle is a liability to the department
- Vehicle is in new condition and is a front line vehicle
- Vehicle is in good condition and is a front line vehicle
- Vehicle is approaching reserve status consider for replacement
- Vehicle is reserve status
- Vehicle is a liability to the district needs to be sold or scrapped

**Policy Number**  
**6A.008**  
**Page 3 of 4**

Consideration will be given to current economical conditions and financial resources before taking a unit out of service or replacing.

Apparatus that has been refurbished will be given consideration as a start over date from year of refurbishment.

All units will have DOT maintenance and serviced on an annual basis and all records will be filed in the apparatus maintenance books and recorded in the departments database.

The Apparatus Replacement Committee will consist of the following members:

- **1<sup>st</sup> Assistant Chief** – serve as the committee chair. Provide a committee report to the Chief.
- **Station Maintenance Officer**
- **Station Day Captain**
- **Station Engineer**



**Overall Committee Functions:**

- To identify critical and essential needs in the areas of apparatus replacement.
- To provide the Chief a clear, accurate assessment of the Department's apparatus condition and a logical plan to address replacement.
- To develop solutions for identified apparatus issues.
- To identify costs in dollars and manpower hours to achieve a safe and operational fleet.

**Policy Number**

**6A.008**

**Page 4 of 4**

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# STONEY POINT FIRE DEPARTMENT, INC.

13 & 19

## HEAVY APPARATUS & BRUSH TRUCK EVALUATION FORM

<b>DATE:</b>	/ /
<b>APPARATUS #:</b>	
<b>MAKE:</b>	
<b>MODEL:</b>	
<b>YEAR MAKE:</b>	

<b>BEGINNING MILEAGE:</b>	
<b>ENDING MILEAGE:</b>	
<b>TOTAL MILES:</b>	
<b>MECHANICAL</b>	
<b>OUT-OF-SERVICE TIME:</b>	

<b>CAB ASSEMBLY</b>				
(includes metal skin, structural components, steps, doors, windows, paint, and upholstery)				
EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
1	2	3	4	5

<b>BODY ASSEMBLY</b>				
(includes metal skin, structural components, compartments, doors, shelves, and trays)				
EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
1	2	3	4	5

<b>DRIVE TRAIN</b>				
(includes engine and transmission)				
EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
1	2	3	4	5

<b>SUSPENSION</b>				
(includes struts, shocks, leaf springs, and instant tire chains)				
EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
1	2	3	4	5

<b>FIRE PUMP</b>				
EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
1	2	3	4	5

<b>ELECTRICAL SYSTEM</b>				
EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
2	4	5	6	10

<b>MILEAGE (K = 1,000)</b>				
0 - 50K	50K - 75K	75K - 100K	100K - 150K	150K+
EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	10	15	20	25





# STONE POINT FIRE DEPARTMENT, INC.

13 & 19

## LIGHT APPARATUS EVALUATION FORM

<b>DATE:</b>	/ /
<b>APPARATUS #:</b>	
<b>MAKE:</b>	
<b>MODEL:</b>	
<b>YEAR MAKE:</b>	

<b>BEGINNING MILEAGE:</b>	
<b>ENDING MILEAGE:</b>	
<b>TOTAL MILES:</b>	
<b>MECHANICAL OUT-OF-SERVICE TIME:</b>	

CAB ASSEMBLY				
(includes metal skin, structural components, steps, doors, windows, paint, and upholstery)				
EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
1	2	3	4	5

BODY ASSEMBLY				
(includes metal skin, structural components, compartments, doors, shelves, and trays)				
EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
1	2	3	4	5

DRIVE TRAIN				
(includes engine and transmission)				
EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
2	4	6	8	10

SUSPENSION				
(includes struts, shocks, leaf springs, and instant tire chains)				
EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
1	2	3	4	5

ELECTRICAL SYSTEM				
EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
2	4	5	6	10

MILEAGE (K = 1,000)				
0 - 50K	50K - 75K	75K - 100K	100K - 150K	150K+
EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
5	10	15	20	25

COST PER MILE				
\$0.00 - \$0.35	\$0.36 - \$0.70	\$0.71 - \$1.05	\$1.06 - \$1.40	\$1.41+

