

Vehicle Replacement Criteria	Service and repair totals	62044 - 2004 KME Renegade Fire Truck Aerial 100FT
Operational costs- Total parts, labor and fuel	Data Source- Equipment- Historical Cost FY 2012	\$388,728.63
Work Delay Hours	Data Source- Equipment- Historical Cost FY 2012	5405.15 hours
Dept Downtime Hours	Data Source- Equipment- Historical Cost FY 2012	15089.35 hours
Evaluation of base engine and drive train		Completed upon scheduled Jan/ April/ July/ October B, A, C, A Services
Evaluation of body		Completed upon scheduled Jan/ April/ July/ October B, A, C, A Services
Evaluation of brakes		Completed upon scheduled Jan/ April/ July/ October B, A, C, A Services
Point system detailed in Table 4.0	See points detailed under column D and E	46 points/ Condition IV- Immediate Consideration

Table 4.0. The APWA point system is used to determine vehicle replacement eligibility.

Factor	Points	62064
Age	One point is given for every year of chronological age, which is based on the in-service date	20 years in service- In service date 06/01/2004 <u>20 Points</u>
Miles/Hours	One point for each 10,000 miles, or 1,000 engine hours of use	10 Point- Current mileage 106277
Type of Service	One, three, or five points are assigned based on the type of service the unit is exposed to. For example, fire pumps would be given a five because it is classified as a severe duty service. In contrast, an administrative sedan would be given a one	5 Points- Severe Duty Service
Reliability	Points are assigned as one, three, or five depending on the frequency that a vehicle is in the shop for repair. A five would be assigned to a vehicle in the shop two or more times per month, while a one would be assigned to a vehicle in the shop an average of once every three months or less	3 Points- Based on 30 work orders generated in the last 36 month of service
Maintenance and Repair Costs	One to five points are assigned based on the total life of maintenance and repair costs (not including repair of accident damage). A five is assigned to a vehicle with life in which maintenance and repair costs are equal to or greater than the vehicle's original purchase price, while a one is given to a vehicle with maintenance and repair costs lifetime to date equal to 20 percent or less than its original purchase cost	3 Points- Based on calculated total with lifecycle cost data supplied from 2011- AssetWorks
Condition	This category takes into consideration body condition, rust, interior condition, accident history, anticipated repairs, etc. a scale of one to five points is used with five being poor condition	5 Points- Based on anticipated continuing repairs
The total number of points will be added and compared against the scale in Table 5.0. Condition III and Condition IV vehicles can be recommended for replacement.		

Table 5.0. The point system evaluation scale.

Total Points	Condition Level	Condition	
<18	Condition I	Excellent	
18-22	Condition II	Good	
23-27	Condition III	Replacement Qualified	
>28	Condition IV	Immediate Consideration	46 points/ Condition IV- Immediate Consideration