

## Rosenbauer - South Dakota

DEPARTMENT: HEIMAN STOCK WK236 TANKER

PROJECT: 2214-D

|                         |       |
|-------------------------|-------|
| Wheel Base              | 204   |
| C A                     | 138.4 |
| Cab to Pump Compartment | 5.4   |
| Pump Compartment        | 0     |
| Tank Length Lower       | 137   |
| Tank Length Upper       | 167   |
| Body Length             | 177   |
| Total Tank Capacity     | 2000  |
| Aerial Size             | 0     |



| Percent of Weight to Front Axle |        |        |
|---------------------------------|--------|--------|
| Water (& Foam) Lower            | Body   | Pump   |
| 12.99%                          | 21.81% | 62.25% |
| Water (& Foam) Upper            | Aerial | Hose   |
| 20.34%                          | NA     | 22.30% |

|                                | TOTAL WT      | FRONT WT      | REAR WT       |                                  |
|--------------------------------|---------------|---------------|---------------|----------------------------------|
| Water (& Foam) Lower           | 2,736         | 355           | 2,381         |                                  |
| Water (& Foam) Upper           | 15,828        | 3,220         | 12,608        |                                  |
| Body                           | 3,894         | 849           | 3,045         |                                  |
| Pump                           | 1,108         | 690           | 418           |                                  |
| Aerial                         | 0             | 0             | 0             |                                  |
| Chassis                        | 12,940        | 8,067         | 4,873         |                                  |
| Miscellaneous Equipment        | 645           | 297           | 348           |                                  |
| <b>SUB TOTAL</b>               | <b>37,151</b> | <b>13,479</b> | <b>23,672</b> |                                  |
| NFPA 1901 Equipment Allowance  | 1,000         | 297           | 703           |                                  |
| Additional Equipment Allowance | 0             | 0             | 0             |                                  |
| NFPA Personnel Load 2          | 500           | 363           | 137           |                                  |
| Hose Load                      | 1,265         | 282           | 983           |                                  |
| Ground Ladders                 | 0             | 0             | 0             |                                  |
|                                | 0             | 0             | 0             | Side-to-Side Tire Load Variation |
| <b>TOTAL</b>                   | <b>39,916</b> | <b>14,421</b> | <b>25,496</b> | <b>0.0%</b>                      |
|                                |               | <b>36.13%</b> | <b>63.87%</b> |                                  |

NOTE: Weights shown are approximate

|  |        |        |               |             |        |        |
|--|--------|--------|---------------|-------------|--------|--------|
| Proposed chassis information:                        |        | Brand: | FREIGHTLINER  | Crew Doors: | 2      |        |
|  |        |        | 2 Wheel Drive |             |        | GVWR   |
| Axle Capacities:                                     | Front: | 16,000 |               | Rear:       | 27,000 | 43,000 |
| Estimated Chassis Weight:<br>(includes +5% variance) | Front: | 8067   |               | Rear:       | 4873   |        |

NOTE: Chassis weights **MUST BE VERIFIED** by the DEALER. Dealer will be responsible for confirming the axles are adequate for the proposed apparatus. 1000# extra capacity per axle is recommended.