



Passenger Tramway Program  
5 Green Mountain Drive  
Montpelier, VT 05602

Date: \_\_\_\_\_

**AERIAL TRAMWAY TESTING REPORT**

**Test Type:**  Dynamic  Acceptance  
**Project Type:**  New Lift  Relocated Lift  Major Modification  
**Lift Type:**  Single  Double  Triple  Quad  6-Place  Gondola  Tram  
**Grip Type:** Fixed  Detachable

Ski Area: \_\_\_\_\_

Tramway No: \_\_\_\_\_ Tramway Name: \_\_\_\_\_

**Load Calculation Information Data**

Number of Carriers on Lift: \_\_\_\_\_

Number of Carriers on Uphill Side: \_\_\_\_\_

Number of Carriers Left Empty at Top of Lift (Running Room): \_\_\_\_\_

Number of Loaded Carriers Uphill Side: \_\_\_\_\_

Number of Loaded Carriers Downhill Side: \_\_\_\_\_

Ballast used for Test:  Water  Sand  Other: \_\_\_\_\_ (Water = 8.33lbs/gallon)

Containers Used with Ballast:

Plastic Barrels Barrel Weight \_\_\_\_\_

Boxes Box Size: \_\_\_\_\_

Other \_\_\_\_\_

Total Weight on Lift Uphill Side: \_\_\_\_\_ Downhill Side: \_\_\_\_\_

**Worksheet**

170 lbs X (Number of Passengers) \_\_\_\_\_ X 10% + Barrel Weight = lbs Per Carrier \_\_\_\_\_

Load Required (Total Number of Carriers): \_\_\_\_\_ X lbs Per Carrier \_\_\_\_\_

Total Load Per Carries Uphill Side \_\_\_\_\_

Total Load per Carrier, Put on This Number of Carriers (Uphill Side) \_\_\_\_\_

Number of Carriers Remain Empty (Running Room) Uphill Side: \_\_\_\_\_

Total Load Per Carriers on Downhill Side: \_\_\_\_\_

Aerial Tramway Report Completed By:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Notes:

Design Passenger Weight – 170 lbs per person

Test Load Per Carriers – 170 lbs Design passenger Weight + 10% = 187 lbs per person

Allowable Loaded Downhill Carriers = Total Number of Carriers on Lift

Less than 60 = 2 Loaded Carriers 60 to 120 Carriers = 3 Loaded Carriers Over 120 Carriers = 4 Loaded Carriers