

SANDIA PEAK TRAMWAY

FACTS SHEET

Albuquerque, New Mexico USA
In the Cibola National Forest
World's longest passenger tramway

Total Horizontal Length:	2.7 miles
Total Vertical Rise:	3,819 feet
Elevation of Lower Terminal:	6,559 feet
Elevation of Tower One:	7,010 feet
Elevation of Tower Two:	8,750 feet
Elevation of Top Terminal:	10,378 feet
Height of Tower One:	232 feet - leans at an 18 deg angle
Height of Tower Two:	80 feet
Hourly Capacity:	220 passengers at 4 trips per hour
Average Number of Passengers Per Year:	275,000
Normal Speed:	12 mph or 20 feet per second
Maximum Clear Span Between Tower Two and Top Terminal:	7,720 feet or 1 1/2 miles
Number of Tramcars:	Two
Capacity of each:	55/50 with watertank
Weight of each tramcar empty:	8,000 pounds
Maximum Payload of each tramcar:	10,000 pounds
Water Tank Capacity:	1,000 gallons
New Tramcars Installed:	May 17, 1986 for 20th Anniversary
New Track Cables Installed:	April, 1997

The tramway was manufactured by Bell Engineering, Lucerne, Switzerland in 1964-66 at a cost of 2 million dollars. It is a Double Reversible Jigback Aerial Tramway. Five thousand helicopter trips were made during construction of Tower 2 and cable installation.

Track Ropes:	4 each with a diameter of 40mm or 1 5/8 inches
Weight of Each:	52 tons
4 Track Cable Counterweights:	47 tons each (located at lower terminal)
Depth of counterweight pit:	70 feet
Haul Ropes:	1 haul rope and counter rope
Diameter of Haul Ropes:	32mm or 1 1/4 inches each weighing 17 tons
Main Power Unit:	600 HP DC Electric Winch Motor
Auxiliary Drive:	250 HP Ford Gasoline Engine

SOME OF THE MORE COMMON ANIMALS SPOTTED ON THE MOUNTAIN

MULEDEER
BLACK BEAR
RACCOONS
BOBCATS
VARIOUS SPECIES OF SQUIRRELS

SOME OF THE MORE COMMON BIRDS SPOTTED ABOVE THE MOUNTAIN

GOLDEN EAGLES
VARIOUS SPECIES OF HAWKS
STELLAR'S JAYS
RAVENS
CANYON WRENS

**THE DOMINANT ROCK FORMATIONS IN THE SANDIA MOUNTAINS ARE GRANITE
WITH A LIMESTONE LAYER ALONG THE CREST OF THE MOUNTAIN.**

*MORE INFORMATION ON THE MOUNTAIN AND SURROUNDING AREA IS AVAILABLE AT THE
FOREST SERVICE FOUR SEASONS VISITOR CENTER LOCATED AT THE UPPER TERMINAL OF
THE TRAMWAY.*