



Friends of the Smokey Bear Balloon

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Hot-Air Balloon Fact Sheet



Year of Construction: 2005
Manufacturer: Aerostar International, Inc
Size: Special Shape
N Number: N87SB

Envelope:

Volume: 145,000 cubic feet
Height (with basket): 97 feet
Diameter (below eyes): 55 feet
Hat Brim Diameter: 72 feet
Weight: 546 pounds
Fabric Used: 4,670 square yards, rip-stop nylon

Fuel System:

Qty LPG Burners: 2
Burner Output: 30,000,000 BTUs per hour

Basket:

Weight: 584 pounds (with fuel tanks & equipment)

Total System Weight: 1,130 pounds

Other Balloon Facts:

- It requires a launch site at least 100' long and 80' wide, at least 750' from any overhead power lines, and at least 300' from any obstruction over 50 feet above the launch site surface.
- It requires 12 to 15 personnel to set it up and inflate it, and chase crew personnel to ensure a safe landing.

