

## Napa Valley Balloons Sound Test Results

Ambient sound at the test site ranged between 50 and 54 db

Inflation fan: Inflation fan operating at maximum RPM

Inflation Fan w/plywood deflector: Inflation fan operating at maximum RPM with a partial plywood wall build around the fan to deflect noise away from the houses.

Balloon Double Burner: This is the total sound generated by operating two balloon burners simultaneously

Distance	Inflation Fan	Inflation Fan w/plywood deflector	Balloon Double Burner
25 ft	81 db	72.5 db	88 db
50 ft	74 db	71 db	81 db
75 ft	70 db	69 db	76 db
100 ft	70 db	61.5 db	74 db
150 ft	68 db	57.5 db	70 db
200 ft	60 db	55 db	68 db
250 ft	60 db	54.8 db	62 db