Modeling Working Group Presentation

Overview of Grand Canyon Noise Analysis Supplemental Time Audible Results

Presented to: Third Meeting of the Grand Canyon Working Group Of the National Parks Overflights Advisory Group
By: FAA/NPS Technical Working Group
Date: January 31, 2006
Results

Distribution of Aircraft Sounds Throughout the “Peak Day”

Total GA, Military, Air Tour and Air Tour Related (25% Time Audible in 96.3% of the park)
Results

Distribution of Aircraft Sounds Throughout the “Peak Day”

Total GA, Military, Commercial
(25% Time Audible in 99.0% of the park)
Results

Distribution of Aircraft Sounds Throughout the “Peak Day”

Commercial Air Tours
(25% Time Audible in 38.4% of the park)
Results

Distribution of Aircraft Sounds Throughout the “Peak Day”

GC West
(25% Time Audible in 7.3% of the park)
Results
Distribution of Aircraft Sounds Throughout the “Peak Day”

Transportation, Repositioning, etc.
(25% Time Audible in 10.3% of the park)
Results

Distribution of Aircraft Sounds Throughout the “Peak Day”

Over the Edge

(25% Time Audible in 4.6% of the park)
Results
Distribution of Aircraft Sounds Throughout the “Peak Day”

Bar 10
(25% Time Audible in 0.0% of the park)
Results

Distribution of Aircraft Sounds Throughout the “Peak Day”

Grand Canyon National Park
Scenario: Total Air Tour and Air Tour Related, Metric: Time Audible

Total Air Tours and Air Tour Related
(25% Time Audible in 46.1% of the park)
Results

Distribution of Aircraft Sounds Throughout the “Peak Day”

General Aviation
(25% Time Audible in 69.7% of the park)
Results

Distribution of Aircraft Sounds Throughout the “Peak Day”

Military
(25% Time Audible in 0.0% of the park)
Results

Distribution of Aircraft Sounds Throughout the “Peak Day”

Commercial
(25% Time Audible in 92.2% of the park)