

Proposed Solution: Adjust Flight Paths and Observe No-Fly Zones

Implementation

- **Voluntary Compliance**
 - Review existing routes and evaluate feasible alternatives (Timing: February 2000)
 - Select new routes, if possible, recognizing noise sensitive areas and daily activities of those under routes (Timing: March 2000).
 - (Selected operators) provide a public demo. of noise levels of different aircraft, flight paths, numbers of aircraft, and spacing and use findings to guide operations for upcoming season (Timing: May 2000).
 - Identify and agree to observe voluntary low-use zones (timing: February 2000).
 - Review letter of agreement with FSDO (Timing: March 2000).

- **CBJ Incentives**
 - Add a component to the Voluntary Compliance Program that would recognize operators' participation and adherence to Fly Neighborly practices at end of each season (Timing: Spring 2000).

- **Non-Regulatory CBJ Action**
 - Encourage operators to adopt a Juneau Area Fly Neighborly Program (Timing: 1 year).
 - Submit a proposal to FAA, asking it to consider special air space restrictions. (Timing:)

- **Agency Cooperation**
 - Incorporate Fly Neighborly principles in voluntary letter of agreement (operators and FAA) (Timing: March 2000).
 - Create "Special air space" by congressional mandate (FAA) (Timing: long-term).

- **CBJ Regulatory Action**

Proposed Solution: Develop Satellite Heliports

Implementation

- **Voluntary Compliance**
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- **CBJ Incentives**

- Develop satellite heliports (Timing: short-term to mid-term; depends on land ownership, funding sources, zoning, length of public processes, NEPA, FAA approval, etc.)
- **Non-Regulatory CBJ Action**
 - Establish a non-code ordinance that would allow experimental heliport sites in summer of 2000. (Timing: 75 days)
 - Conduct demonstration of different sites to show how the concept of satellite heliports would work (Timing: Summer 2000).
- **Agency Cooperation**
 - Provide land base at CBJ proposal (USFS) (Timing: Depends on NEPA)
 - Approve site and ensure that project meets FAA technical criteria (FAA) (Timing: 3 months).
- **CBJ Regulatory Action**
 - Amend land use code to allow heliports wit a cu in rural areas. (Timing: 6 months)

Proposed Solution: Limit Hours of Operation and Days of Operation (No-Flight Days)

Implementation

- **Voluntary Compliance**
 - Work with cruise industry to adjust arrivals/departures to avoid mid-afternoon ship arrivals that require late tours (Timing: Summer 2001,2002).
 - Work with cruise industry to adjust schedules so visitors are distributed more evenly throughout the week (Timing: summer 2001, 2002).
- **CBJ Incentives**
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- **Non-Regulatory CBJ Action**
 - Encourage operators to dedicate one voluntary flight-free day during the weekend and work with cruise lines to adjust itineraries (timing: Summer 2001, 2002).
 - Use proprietary authority at the airport to limit number of flights and days/hours of operation at the airport.
 - Encourage operators to reduce hours of operation.
- **Agency Cooperation**
 - Select EIS alternative with restrictions on hours of operation (USFS) (Timing: Fall 2000).

- Select EIS alternative with restrictions on days of operation (USFS) (Timing: Fall 2000).
- **CBJ Regulatory Action**
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Proposed Solution: Regulate Noise

Implementation

- **Voluntary Compliance**
 - NA
- **CBJ Incentives**
 - NA
- **Non-Regulatory CBJ Action**
 - NA
- **Agency Cooperation**
 - Require FAA to regulate noise (Congress) (Timing: Long-term).
- **CBJ Regulatory Action**
 - Enact a comprehensive noise ordinance. (Timing: 1-2 years)

Proposed Solution: Cap or Reduce Number of Flights

Implementation

- **Voluntary Compliance**
 - Revise landing permit language to reflect a more accurate and realistic expectation of demand. Submit to USFS (Timing: March 2000).
- **CBJ Incentives**
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- **Non-Regulatory CBJ Action**
 - Encourage operators to voluntarily cap or reduce the number of flights (Timing: Short-term).
 - Adopt a resolution asking the USFS to cap landing permit levels at current use level (16,700) (Timing: 2 weeks).
 - Submit a proposal to FAA, asking it to consider special air space restrictions. (Timing: Long-Term).

- **Agency Cooperation**
 - Cap or reduce number of landing permits (USFS) (Fall 2000).
 - Require FAA to regulate noise (Congress) (Timing: Long-term).
- **CBJ Regulatory Action**
 - Change zoning code to further limit aircraft facilities (Timing: 6 months).
 - Establish a limited entry system for flight seeing operations (Timing: 1 year).
 - Make flight operations a conditional use and review flight plans in cu process. (Timing: code amendment: 6 months).
 - Assess taxes, fees, other disincentives (Timing: 3 months).

Proposed Solution: Utilize Quiet Technology

Implementation

- **Voluntary Compliance**
 - Adopt quiet technology as it becomes available (timing: mid-term to long-term, variable time frames for fixed-wing and rotary aircraft).
 - Evaluate feasibility of converting to quieter aircraft (Timing: May 2000).
 - Develop a conversion plan (if conversion is feasible) (Timing: December 2000).
- **CBJ Incentives**
 - Establish incentives for adopting quiet technology which could include tax incentives, a revolving loan fund, etc. (Timing: 3 months to 1 year).
- **Non-Regulatory CBJ Action**
 - Encourage helicopter manufacturers to develop quiet technology (in progress).
 - Encourage FAA to work with manufacturers in the approval of quiet technology (in progress).
 - Encourage USES to base permitting on a system that provides incentives to adopt quiet technology (in progress).
- **Agency Cooperation**
 - Base permitting on a system that provides incentives to adopt quiet technology (USES) (Timing:).
 - Work with manufacturers in the approval of quiet technology (FAA) (Timing:).
- **CBJ Regulatory Action**

- Enact a tax code that provides incentives and removes disincentives for conversion to quiet technology and (Timing: 3 months).
- Establish a low-cost source of capital (i.e., revolving loan fund) to help finance conversion to quiet technology (Timing: 1 year).

NOTES:

- Solutions are not in prioritized order and include recommendations submitted by CBJ citizens as a result of the Tourism Advisory Committee's [Citizen Information Gathering meeting \(9/29/99\). \(PDF\)](#) solutions also include recommendations from the flight seeing operators as identified in the [Juneau Flight seeing Operators: Results and Action Plan. \(PDF\)](#)
- Solutions are presented in the table for evaluation and do not indicate prioritization or endorsement by the Planning and Policy Committee.
- The actions in the Voluntary Compliance Column are identified as actions in the [Juneau Flight seeing Operators: Results and Action Plan. \(PDF\)](#)

Time frames are estimates. Applicable parties have provided estimates for certain activities if the CBJ were to pursue an option. They do not represent a commitment to complete the option within the specified time frame.