

## OPERATIONAL NOISE CONTROL

### Federally Regulated

The FAA has the authority and the responsibility to control aircraft noise by regulation of the source emission through the use of operational procedures and by management of the air traffic control system and navigable airspace in ways that minimize noise impact on residential areas, consistent with the highest standards of safety.

#### SOME EXAMPLES OF OPERATIONAL NOISE CONTROL INCLUDE:

- ✈ FAA Noise Standards / Limits
- ✈ Imposing mandatory phaseout of aircraft not meeting noise limits; thereby, effectively forcing manufacturers to develop noise control technologies
- ✈ Airspace redesign – to reroute backbone flight tracks to areas away from the general population, preferably over water where possible
- ✈ Airspace Management – including approach and departure flight tracks
- ✈ Runway Management – including closures and preferential use system
- ✈ Integrated Noise Modeling
- ✈ Operational Procedures – including thrust reduction or maximum climb on takeoff; and/or higher glide, slope, angles and glide slope intercept altitudes on approach
- ✈ Review, approval, and funding of Compatibility Noise Programs
- ✈ Restrictions on use of or operations at the airport in a particular time period
- ✈ Limiting the number of operations per day
- ✈ Imposing curfews – prohibiting operations at certain hours