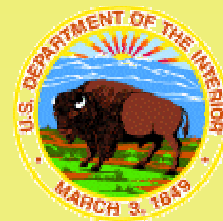
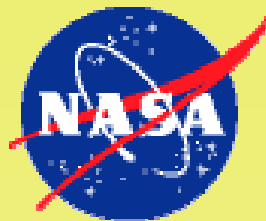


FICAN Public Forum: The Use of Supplemental Noise Metrics in Aircraft Noise Analysis

February 28, 2001

San Diego, California



FICAN

Federal Interagency Committee on Aviation Noise

FICAN Purpose

- Encourage new aviation noise research efforts
- Forum for public and private sector proposals

FICAN Scope

- Develop recommendations and priorities on needed research
- Serve as a focal point for public/private/government research recommendations
- Conduct public conferences on a periodic basis to exchange information on R & D findings, conclusions, and new aviation noise topics of public concern
- Establish a technical information network

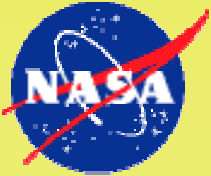
FICAN Members



Dept. of Transportation/Federal Aviation Administration



Department of Defense /Air Force, Army, Navy



National Aeronautics and Space Administration



Environmental Protection Agency



Department of Housing and Urban Development



Department of Interior / National Park Service



Department of Health and Human Services / CDC/
National Center for Environmental Health

FICAN Activities

- Meetings
- Public Forums
- Publicity/Information

FICAN Products

- Annual Reports
- Research Report
- Position Papers
- Web Page (<http://www.fican.org>)

Recommendations from FICON Report (1992):

- Evaluate modifications to land use compatibility table
- Research community reactions to aircraft noise, including sleep disturbance, non-auditory health effects, and speech interference
- Investigate differences in perceptions of aircraft noise, ground transportation noise, and general background noise
- Include discussions and research on the impacts of rotary-wing operations

Recommendations from FICON Report (1992): (continued)

“The Schultz curve relating DNL to the percent of highly annoyed is generally accepted as a valid criterion for noise impact and has been re-validated by recent analyses (Fidell et al. 1989; Finegold et al. 1992). There are however, no other validated impact criteria related specifically to sleep or speech disturbance or *criteria related to short-term impacts associated with supplementary metrics.*”
(FICON, Section 3.7).

Public Forum Agenda

Time	Speaker	Topic
1:15-1:30 p.m.	Andy Powell, NASA Langley	Introduction
1:30-2:00 p.m.	David Southgate Dept Transport and Regional Services	Expanding Ways to Describe and Assess Aircraft Noise
2:00-2:30 p.m.	Mark Myles Hanscom Field Noise Work Group	Noise Metric Recommendations from the Hanscom Field Work Group
2:30-3:00 p.m.	Vince Mestre, P.E. Mestre Greve & Associates	Use of SEL Contours and Time Above in Airport Noise Analyses
3:00-3:15 p.m.	General Discussion	