

REPORT DOCUMENTATION PAGE

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6. AUTHOR(S)

ATAC Olmstead, Bryan, Mirsky
VNTSC Fleming, D'Aprile, Gerbi
LeTech Le, Chen
FAA Plante, Gulding (Program Manager), Vahovich

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)

ATAC Corporation DOT/VNTSC LeTech, Inc.
757 N. Mary Ave. 55 Broadway 5400 Shawnee Rd #202
Sunnyvale, CA 94086 Cambridge, MA 02142 Alexandria, VA 22312

8. PERFORMING ORGANIZATION
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U.S. Department of Transportation
Federal Aviation Administration
Office of Environment and Energy, AEE-120
800 Independence Ave. SW
Washington, DC 20591

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11. SUPPLEMENTARY NOTES Contacts:

Jake Plante FAA-AEE-120 (202) 267-3539 Jeff Olmstead ATAC (408) 736-2822
John Gulding FAA-AEE-120 (202) 267-3654 Gregg Fleming VNTSC (617) 494-2876

12a. DISTRIBUTION/AVAILABILITY STATEMENT

This report is part of the INM 5.1 software release.

12b. DISTRIBUTION CODE

13. ABSTRACT (Maximum 200 words)

The Federal Aviation Administration, Office of Environment and Energy (AEE-120) has developed Version 5.1 of the Integrated Noise Model (INM) with support from the ATAC Corporation, the Department of Transportation Volpe National Transportation System Center, and LeTech Incorporated. The FAA Integrated Noise Model is widely used by the civilian aviation community for evaluating aircraft noise impacts in the vicinity of airports. The model is typically used in the U.S. for FAR Part 150 noise compatibility planning and FAA Order 1050 environmental assessments and environmental impact statements.

Major enhancements to INM 5.1 include: ability to run the model on Windows 95 and NT 4.0 operating systems; addition of MD90 and NOISEMAP aircraft; support for touch-and-go operations; addition of a new circuit-flight profile capability; support for GIS programs; improved graphics; and improved source data processing functions.

INM Version 5.1 software runs on PCs using a minimum hardware configuration of a 486DX 66-MHz processor, Microsoft Windows 95 or Windows NT 3.51 or 4.0 operating systems, 32-Mb RAM, 640x480 16 colors VGA display, mouse input device, 3.5-inch 1.44 Mb floppy disk drive, hard disk drive, and optional CD-ROM.

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