



U.S. Department
of Transportation
**Federal Aviation
Administration**

Advisory Circular

Subject: ANNOUNCEMENT OF AVAILABILITY--
REPORT NO. DOT/FAA/PP/92-5,
GUIDELINES FOR THE SOUND
INSULATION OF RESIDENCES EXPOSED
TO AIRCRAFT OPERATIONS

Date: 7/2/93
Initiated by: APP-510

AC No: 150/5000-9A
Change:

1. PURPOSE. This advisory circular announces the availability of the report "Guidelines for the Sound Insulation of Residences Exposed to Aircraft Operations."

2. BACKGROUND. The Federal Aviation Administration's Office of Environment and Energy and Office of Airport Planning and Programming and the Naval Facilities Engineering Command contracted with Wyle Research to develop a report containing guidelines for the sound insulation of residences exposed to aircraft operations. The report provides a project management handbook for studying, initiating, and implementing residential sound insulation programs in neighborhoods around military and civilian airports. The information in the report is based on fundamental acoustic principles supported by practical experience

gained in numerous residential sound insulation projects across the country. The most successful solutions to problems typically encountered in these projects have been incorporated in this report.

3. HOW TO ORDER.

a. The report may be purchased from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161 (703-487-4650).

b. Orders should include the complete title and order number (ADA 258032). Customers should include a check or money order made payable to the National Technical Information Service in the amount of \$36.00, plus a \$3.00 handling fee, for a total of \$39.50.

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