

and installations. The aim is to promote an environment for all people free from noise that jeopardizes their health and welfare.

(b) Procure commercial equipment and products, or those adapted for military use, that are in compliance with established Federal noise standards and give priority to use of low-noise-emission products within reasonable cost and mission limitations.

(c) Incorporate noise control provisions in the design and procurement of vehicles, aircraft, weapons systems and other military-unique equipment for use in combat operations to the extent that essential operational capabilities are not significantly impaired.

(d) Include the impact of environmental noise in any assessment of an Army action or program.

(e) Institute measures to reduce and/or control the generation of noise from flying and flying-related activities and comply with DOD Instruction 4165.57 on Air Installations Compatible Use Zones (AICUZ).

(f) Periodically monitor Army installations and their environs to insure that applicable Federal, State, interstate and local noise standards are met.

#### § 650.165 Responsibilities.

(a) Department of the Army Staff.

(1) The Chief of Engineers will—(i) Promulgate basic policies, guidance and regulations for the control of environmental noise produced by military equipment (aircraft, vehicles, etc.), and that resulting from the conduct of various types of military training activities (DAEN-ZCE).

(ii) Monitor the structural engineering aspects of the environmental noise pollution control program to assure that facilities on Army real property satisfies established noise control standards (DAEN-MC).

(iii) Provide guidelines and assistance for the selection of architectural and engineering measures to be employed, to control noise levels in conjunction with installation master planning or the siting of new facilities (e.g., siting considerations, noise barriers or berms, operational controls, and sound attenuation in new and existing structures) (DAEN-MC).

(iv) Coordinate noise abatement criteria, standards, policies, and corrective measures with The Surgeon General, and The Inspector General and Auditor General, (Army Director of Safety).

(v) Incorporate noise attenuation measures in the design and construction of new structures and provide technical assistance on noise attenuation techniques for existing structures (DAEN-MC).

(2) The Deputy Chief of Staff for Operations and Plans will—(i) Monitor operations and activities to assure control of noise produced by military equipment, aircraft, and vehicles, resulting from the conduct of various types of military training activities.

(ii) Ensure compliance with appropriate noise standards during test and evaluation of Army material and during operational testing.

(3) The Deputy Chief of Staff for Research, Development and Acquisition will—(i) Monitor compliance with applicable noise control standards during the development and testing of new material.

(ii) Process and staff requests for exemptions (§650.175) for military unique equipment where essential operational characteristics are significantly impaired by adherence to applicable noise standards, and where the equipment is deemed essential to mission accomplishment.

(4) The Surgeon General will—(i) Monitor health and welfare aspects of environmental noise within the Department of the Army to assure that the required degree of noise control is maintained.

(ii) Issue health and medical policy guidance obtained from liaison with other Federal agencies assigned responsibility for environmental noise control.

(iii) Coordinate in the development of noise abatement criteria, standards and corrective measures with the Chief of Engineers and when appropriate with Director of Safety, HQDA.

(b) Commanding General, US Army Health Services Command will—

(1) Accumulate, evaluate, and disseminate data on environmental noise conditions that may adversely affect the health of men and animals.

(2) Conduct environmental noise studies when requested, provide acoustical technical assistance for preparation of Environmental Impact Assessments (EIA) or Environmental Impact Statements (EIS) and make recommendations on programs or projects to achieve noise pollution control.

(3) Provide technical consultation to commanders on health aspects of environmental noise control and assist in the development of environmental noise abatement programs for facilities and activities.

(c) Commanding General, US Army Materiel Development and Readiness Command and other materiel development and procurement agencies will—

(1) Procure equipment or materiel which complies with DA adopted noise emission standards and retrofit existing vehicles as appropriate, to reduce noise to acceptable levels.

(2) Initiate and forward requests for waiver of noise standards for military equipment to DAEN-ZCE when it has been determined that compliance with such standards would significantly degrade the required military capability of the equipment.

(3) Pursue a research and development, test and evaluation program for the abatement or control of noise from military equipment.

(d) Major Army commanders will—

(1) Comply with applicable Federal, State, interstate, and local standards regarding environmental noise control and abatement.

(2) Establish a program for an initial survey and periodic review of environmental noise control.

(3) Program and budget for those resources required for environmental noise control.

(4) Report resource requirements for the conduct of the noise pollution control program in accordance with subpart J of this part.

(e) Installation and activity commanders will—

(1) Comply with applicable Federal, State, interstate, and local standards regarding environmental noise.

(2) Identify continuous or recurring sources of noise at an installation or by an activity which exceed standards; are an annoyance to others; are injurious to health; and develop remedial

projects or procedures to reduce such noise to acceptable levels.

(3) Monitor the conduct of training activities producing inherently high noise levels for the purpose of minimizing its effect on nearby military and civilian populations.

(4) Maintain liaison with appropriate Federal, State, and local noise pollution abatement authorities, for the purpose of noise control measures insofar as installation and military operational requirements permit in accordance with subpart A of this part.

(5) Program and budget for resources necessary to conduct an effective noise control program.

(6) Maintain a log of citizen complaints of noise produced by Army activities.

#### § 650.166 Reports.

Sources of noise pollution will be identified and those requiring remedial action will be reported as specified in subpart J of this part. An example of an exhibit prepared on a typical environmental noise control project is shown in figure 10-7.

#### § 650.167 References.

See table 7-1, for related publications to be used in conjunction with this subpart.

#### STANDARDS AND PROCEDURES

#### § 650.168 Standards.

(a) Undue exposure to noise may be detrimental to the health and welfare of Department of the Army personnel and members of civilian communities adjacent to military installations. Consequently it is necessary to assess major sources of noise to ensure there are no adverse impacts. Normally this is accomplished by making sound level measurements and comparing them to established noise standards which include:

(1) Occupational noise level standards—a noise exposure standard established for the protection of hearing of workers by the Army Surgeon General and/or under the Occupational Safety and Health Act.

(2) Product noise source emission standards—maximum noise levels that may be produced by specified items of