

# NASA TECH BRIEF



NASA Tech Briefs are issued to summarize specific innovations derived from the U.S. space program, to encourage their commercial application. Copies are available to the public at 15 cents each from the Clearinghouse for Federal Scientific and Technical Information, Springfield, Virginia 22151.

## Handbooks for Nondestructive Testing Using Ultrasonics

Four handbooks or instruction manuals have been prepared for use in teaching metal parts inspectors and quality assurance technicians the fundamentals of nondestructive testing using ultrasonic detection methods. The handbooks contain the latest information on the subject of ultrasonic testing and can be effectively used in the shop or laboratory, or as study texts in technical schools and in the home.

The handbooks, dated January 1, 1967, are titled as follows:

1. *Ultrasonic Testing*, NASA CR-61228 (211 pages).
2. *Nondestructive Testing, Ultrasonic Basic Principles*; NASA CR-61209 (262 pages).
3. *Nondestructive Testing, Ultrasonic Equipment*, NASA CR-61210 (263 pages).
4. *Nondestructive Testing, Ultrasonic Applications*, NASA CR-61211 (379 pages).

### Notes:

These handbooks are available at a price of \$3.00 each—order by NASA CR number, e.g., NASA CR-61209—from the:

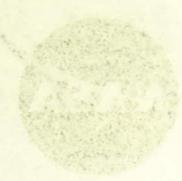
Clearinghouse for Federal Scientific  
and Technical Information  
Springfield, Virginia 22151

### Patent status:

No patent action is contemplated by NASA.

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Category 03



# NAZA TECH BRIEF

This document is prepared under the authority of the National Security Council and is intended to provide information on the activities of the National Atomic Energy Commission. It is not to be distributed outside the Government.

## Handbook for Administrative Control of Atomic Energy

The National Atomic Energy Commission (NAEC) is the principal agency for the development and control of atomic energy in the United States. It is responsible for the safe and peaceful use of atomic energy and for the control of the production and use of atomic energy materials.

The NAEC is organized into several major divisions, including the Division of Atomic Energy, the Division of Atomic Energy Control, and the Division of Atomic Energy Research. Each division is responsible for a specific aspect of the NAEC's activities.

The NAEC is authorized to regulate the production, use, and disposal of atomic energy materials. It is also authorized to conduct research and development in the field of atomic energy and to provide technical assistance to other countries.

The NAEC is a Federal agency and is subject to the provisions of the Federal Acquisition Regulation (FAR). It is also subject to the provisions of the Atomic Energy Act of 1954 and the Atomic Energy Control Act of 1954.