

REQUEST FOR RECORDS DISPOSITION AUTHORITY			JOB NUMBER NI-416-11-6	
To: NATIONAL ARCHIVES and RECORDS ADMINISTRATION (NIR) WASHINGTON, DC 20408			DATE RECEIVED 2/15/11	
1. FROM (Agency or establishment) Department of Transportation			NOTIFICATION TO AGENCY In accordance with the provisions of 44 U.S.C. 3303a, the disposition request, including amendments, is approved except for items that may be marked "disposition not approved" or "withdrawn" in column 10.	
2. MAJOR SUBDIVISION National Highway Traffic Safety Administration				
3. MINOR SUBDIVISION				
4. NAME OF PERSON WITH WHOM TO CONFER		5. TELEPHONE	DATE	ARCHIVE OF THE UNITED STATES
WITHDRAWN				
6. AGENCY CERTIFICATION I hereby certify that I am authorized to act for this agency in matters pertaining to the disposition of its records and that the records proposed for disposal on the attached ___ page(s) are not now needed for the business of this agency or will not be needed after the retention periods specified; and that written concurrence from the General Accounting Office, under the provisions of Title 8 of the GAO manual for Guidance of Federal Agencies, G is not required; G is attached; or G has been requested.				
DATE 02/08/11	SIGNATURE OF AGENCY REPRESENTATIVE <i>Carolyn Green</i> Carolyn Green		TITLE Program Specialist/Records Manager	
7. Item No.	8. DESCRIPTION OF ITEM AND PROPOSED DISPOSITION	9. CRS OR SUPERSEDED JOB CITATION	10. ACTION TAKEN (NARA USE ONLY)	
		WITHDRAWN		

NHTSA Vehicle Safety (NVS) serves as the foundation that supports the Agency's goal to reduce motor vehicle injuries and fatalities. Among the activities of the program is rulemaking, enforcement, vehicle safety research, and statistical analysis.

Vehicles, Biomechanics and Component Test Database Collections

The crash test database consists of three data collections: vehicle test data; dummy and cadaver test data; and safety equipment or component test data. These three data collections are generically referred to as Vehicle, Biomechanics, and Component test collections.

The data base collections were initiated in 1978 and currently contain results from over 7000 crash tests.

Access to the data on NHTSA web servers, is located at:
<http://www.nhtsa.gov/Research/Databases+and+Software>

Extensive documentation and information on the three data collections, including file formats and other reference guides can be found at:

<http://www.nhtsa.gov/Research/Databases+and+Software/NHTSA+Test+Reference+Guides>

WITHDRAWN

Vehicle Crash Test Database

The NHTSA Vehicle Crash Test Database contains engineering data measured during various types of research, the New Car Assessment Program (NCAP), and compliance crash tests. Information in this database refers to the performance and response of vehicles and other structures in impacts.

Information is submitted by universities, private test contractors, and other entities to NHTSA, which reviews the data to ensure that it meets format requirements. Data includes the following items:

GENERAL TEST INFORMATION, includes the definitions of data elements identifying the test (type, configuration, date, performing contractor) as well as some elements that identify test conditions (closing speed or impact angle).

VEHICLE INFORMATION, contains information about the vehicle being tested (make, model, year, engine type) as well as data gathered during testing (travel angle, vehicle damage index, bumper engagement).

BARRIER INFORMATION identifies the barrier type and the test characteristics related to type (rigid or deformable, angle).

OCCUPANT INFORMATION, defines the data elements for describing the occupant (age, size, height, and weight), giving the occupant's location in relation to the interior components of the vehicle, and recording the effect of the crash on parts of the occupant's body.

RESTRAINTS INFORMATION, lists the restraints used by each of the vehicle occupants and includes information on the type, attachment and deployment status of each restraint.

INSTRUMENTAL INSTRUMENTATION INFORMATION describes the sensor used in each test by type of instrument, location on the component being tested, attachment points, and other information about how the sensor data is transmitted.

This data base provides a standardized format that allows for exchange of data among participating researchers. The output files may be written in one of two ways; either in a special binary format, which NHTSA's in-house processing software loads directly into the NHTSA databases, or the files may be written in ASCII, for purposes of data exchange outside the agency.

Output data includes textual reports (Portable Document Format (PDF)), photographs (JPEG File Interchange), and video (Audio Video Interleaved Format (AVI)).

Disposition: PERMANENT. Transfer a copy of all extant data to the National Archives and Records Administration (NARA) in a format acceptable to NARA upon approval of this schedule. Thereafter, transfer subsequent accumulations of the data in a format acceptable to NARA every two (fiscal/calendar) years.

NHTSA will retain a copy of the data until no longer needed for agency business, when the data can be destroyed after verifying data has been transferred to NARA.

2. Biomechanics Test Database

The NHTSA Biomechanics Test Database is a repository of experimental data used by NHTSA for developing anthropomorphic test devices and associated injury criteria. The data is disseminated via this website for use by academia, the automotive industry, and the public to improve the safety of automobiles and reduce death and injuries on United States highways.

Information is submitted by universities, private test contractors, and other entities to NHTSA, which reviews the data to ensure that it meets format requirements. Data includes the following items, among many others:

GENERAL TEST INFORMATION, including: test number, contract or study title, and test performer;

DUMMY OCCUPANT INFORMATION, including: occupant location, occupant type, occupant sex, seat position, description of dummy, head injury criterion, chest severity index.

BIOLOGICAL SPECIMEN OCCUPANT INFORMATION, including occupant type, sex, age, weight, cause of death and anomaly, and other specific biological damage as a result of testing.

OCCUPANT RESTRAINTS INFORMATION, including restraint number, type, mount, etc.

ANTHROPOMETRIC INFORMATION, including test number, stature, shoulder height, chest breadth, wrist circumference, head breadth, neck circumference, and many other measurements of the human body.

OCCUPANT INJURY INFORMATION, including body region, body aspect, injury, injured organ, injury commentary, etc.

INSTRUMENTATION INFORMATION, including sensor information, axis direction of sensor, calibration date, time increment, data measurement units, etc.

CHEST BAND OCCUPANT INFORMATION and CHEST BAND GAUGE INFORMATION, including chest band number, band length, distance referenced to spine, gauge number, gauge commentary, etc.

This data base is provides a standardized format that allows for exchange of data among participating researchers. The output files may be written in one of two ways; either in a special binary format, which NHTSA's in-house processing software loads directly into the NHTSA databases or the files may be written in ASCII, for purposes of data exchange outside the agency.

Output data includes textual reports (Portable Document Format (PDF)), photographs (JPEG File Interchange), and video (Audio Video Interleaved Format (AVI)).

Disposition: PERMANENT. Transfer a copy of all extant data to the National Archives and Records Administration (NARA) in a format acceptable to NARA upon approval of this schedule. Thereafter, transfer subsequent accumulations of the data in a format acceptable to NARA every two (fiscal/calendar) years.

NHTSA will retain a copy of the data until no longer needed for agency business, when the data can be destroyed after verifying data has been transferred to NARA.

3. Component Test Database

The NHTSA Component Test Database contains engineering data measured during various types of research. These data result from tests designed to evaluate and modify the occupant, vehicle, and data collection instruments used to collect information contained in the vehicle crash and biomechanics databases.

Information is submitted by universities, private test contractors, and other entities to NHTSA, which reviews the data to ensure that it meets format requirements. Data includes the following items:

GENERAL TEST INFORMATION, including version number, contract or study file, test date, test performer, ambient temperature, etc.

VEHICLE INFORMATION, including vehicle make, model and year, vehicle commentary, transmission type, etc.

COMPONENT INFORMATION, including component tested, component weight, occupant type, dummy size percentile, etc.

INSTRUMENTATION INFORMATION, including test vehicle identification number, sensor type, calibration date, instrumentation commentary, etc.

ROLLOVER INFORMATION, including tire type, size and pressure, vehicle weight (including in various points of the vehicle, etc.

HIGH SPEED VIDEO Information, including camera number, test reference number, view description, and camera commentary.

This data base is provides a standardized format that allows for exchange of data among participating researchers. The output files may be written in one of two ways; either in a special binary format, which NHTSA's in-house processing software loads directly into the NHTSA databases or the files may be written in ASCII, for purposes of data exchange outside the agency.

Output data includes textual reports, photographs and video.

Disposition: Temporary. NHTSA will retain a copy of the data until no longer needed for agency business.

WITHDRAWN

Vehicles, Biomechanics and Component Test

The crash test database consists of three collections, Vehicle tests, Dummy and Cadaver tests, and Safety equipment or component tests. These collections are generically referred to as Vehicle, Biomechanics, and Component test collections.

The vehicle collection currently stores engineering data, photos, videos and reports for about 7000 crash tests that NHTSA has conducted since 1979. This engineering data is collected by NHTSA Research, Rulemaking, and enforcement offices and the data is queried by staff engineers to support a wide range of programs. The engineering staff is often called upon to run historical analyses.

The Biomechanics collection contains engineering data, photos, videos, and reports for dummy, animal, and post mortem human impact tests. This engineering data is used worldwide to evaluate human injury tolerance limits and to design, develop and enhance the standardized crash test dummies. This data is collected from NHTSA sponsored research from a wide range of medical universities and institutions.

The component collection contains engineering data photos, videos, and reports for safety equipment tests. The safety equipment covers a wide range, but typical examples are child seat tests, school bus seats, automotive glass impacts tests.

All three data collections are stored on a single oracle server.

Disposition: Permanent, send to NARA when no longer needed for agency business