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Transportation Technical Environmental Information Center Index

Clarence A. Davidson, Jerry T. Foley



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TRANSPORTATION TECHNICAL ENVIRONMENTAL
INFORMATION CENTER INDEX

Clarence A. Davidson
Jerry T. Foley
Applied Mechanics Division II, 5522
Sandia Laboratories
Albuquerque, NM 87185

ABSTRACT

In an effort to determine the environmental intensities to which energy materials in transit may be exposed, a "Data Center" of technical environmental information has been established by Sandia Laboratories, Division 5522, for the DOE Division of Environmental Control Technology. This document is an index which can be used to request data of interest.



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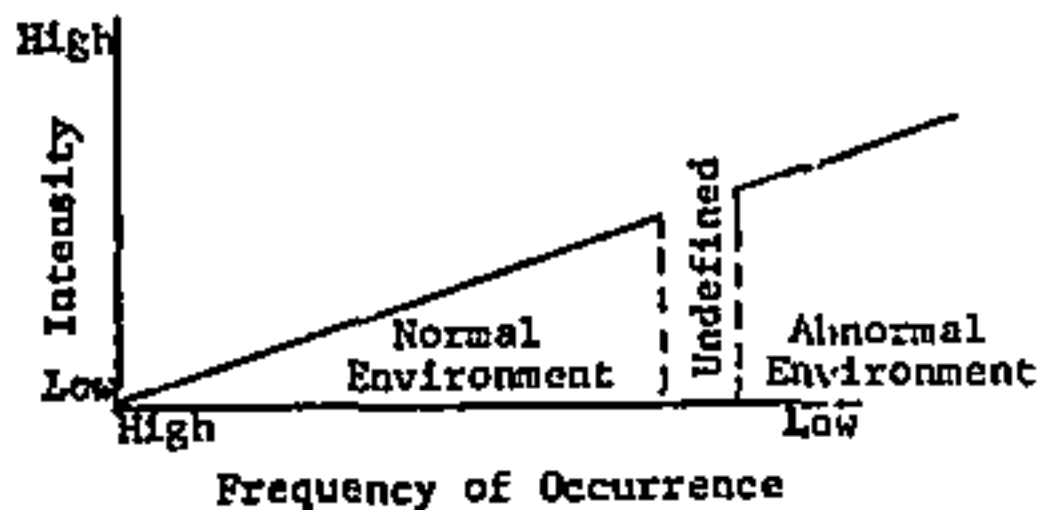
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TRANSPORTATION TECHNICAL ENVIRONMENTAL INFORMATION CENTER INDEX

Introduction

The purpose of the Transportation Technical Environmental Information Center is to collect, analyze, store, and make available descriptions of the environment of transportation expressed in engineering terms. The data stored in the Center are expected to be useful in a variety of transportation related analyses. Formulations of environmental criteria for shipment of cargo, risk assessments, and detailed structural analyses of shipping containers are examples where these data have been applied. The Transportation Technical Environmental Information Center is a segment of a larger DOE/DOD Environmental Data Center for weapons application.

For purposes of indexing and data retrieval, the data are catalogued under two major headings: Normal and Abnormal Environments. The diagram below illustrates a conceptual relationship between these environmental designations as a function of the expected rate of occurrence.



Normal environments are those which will be encountered at some intensity during every shipment. They have a high frequency of occurrence, but a relatively low intensity. The abnormal or accident environments, on the other hand, are characterized by higher intensities but lower frequency of occurrence. The very high intensities of environment occur very infrequently. The abnormal environments, while often called by different names to differentiate them, have actually the same engineering parameters as the normal. Thus, an acceleration is experienced by cargo as a truck crosses railroad tracks at 50 mph. A greater acceleration may result if the truck strikes a bridge abutment at the same speed. To make the difference clear in a succinct manner, the latter is termed, "Impact." These short descriptions are shown in the Index in parentheses where they apply.

The Environments

Twelve environmental categories have been identified as relevant to transportation. These include:

- | | |
|-------------------------|------------------|
| 1. Acceleration/Time* | 7. Pressure* |
| 2. Acoustic Noise | 8. Radiation* |
| 3. Atmospheric Contents | 9. Shock* |
| 4. Fragmentation* | 10. Temperature* |
| 5. Humidity | 11. Vibration |
| 6. Precipitation | 12. Wind* |

Three factors operate to limit the number of these environments for which abnormal levels require consideration:

1. Some environments reach an absolute limit regularly and are totally contained within a normal range;
2. The abnormal aspects of some environments are encountered so infrequently as to be of little interest; and
3. Protection against the effects of some normal environments include protection against the abnormal

After eliminating those environmental categories covered by the above factors only the environments indicated by an asterisk in the above list are of interest in the abnormal considerations. Figure 1 is a chart which illustrates the organization of data in the Center by categories and by additional nomenclature which differentiates between input and response phenomena. Input may be defined as the environmental level which exists at the cargo interface, while response is measured in terms of how the cargo reacts to the environments. As an example consider the pressure environment, which has both normal and abnormal levels. The normal, which all cargo will experience, includes the variations in atmospheric pressure at a specific location, as well as the variations produced by changes in elevation, both on the earth's surface and while flying. The abnormal aspects of the pressure environment are the result of exposure to an explosion or to immersion (inputs); if the input pressure is sufficiently high, a crush (collapse) response of the cargo will result.

Four of the environments are considered only in the normal aspects for reasons mentioned above. One environment, fragmentation, is considered only in the abnormal aspect. This is because no elements which will cause puncture to the cargo are present under normal conditions, i. e., those which will be encountered frequently during transportation.

*Environments with both normal and abnormal aspects.

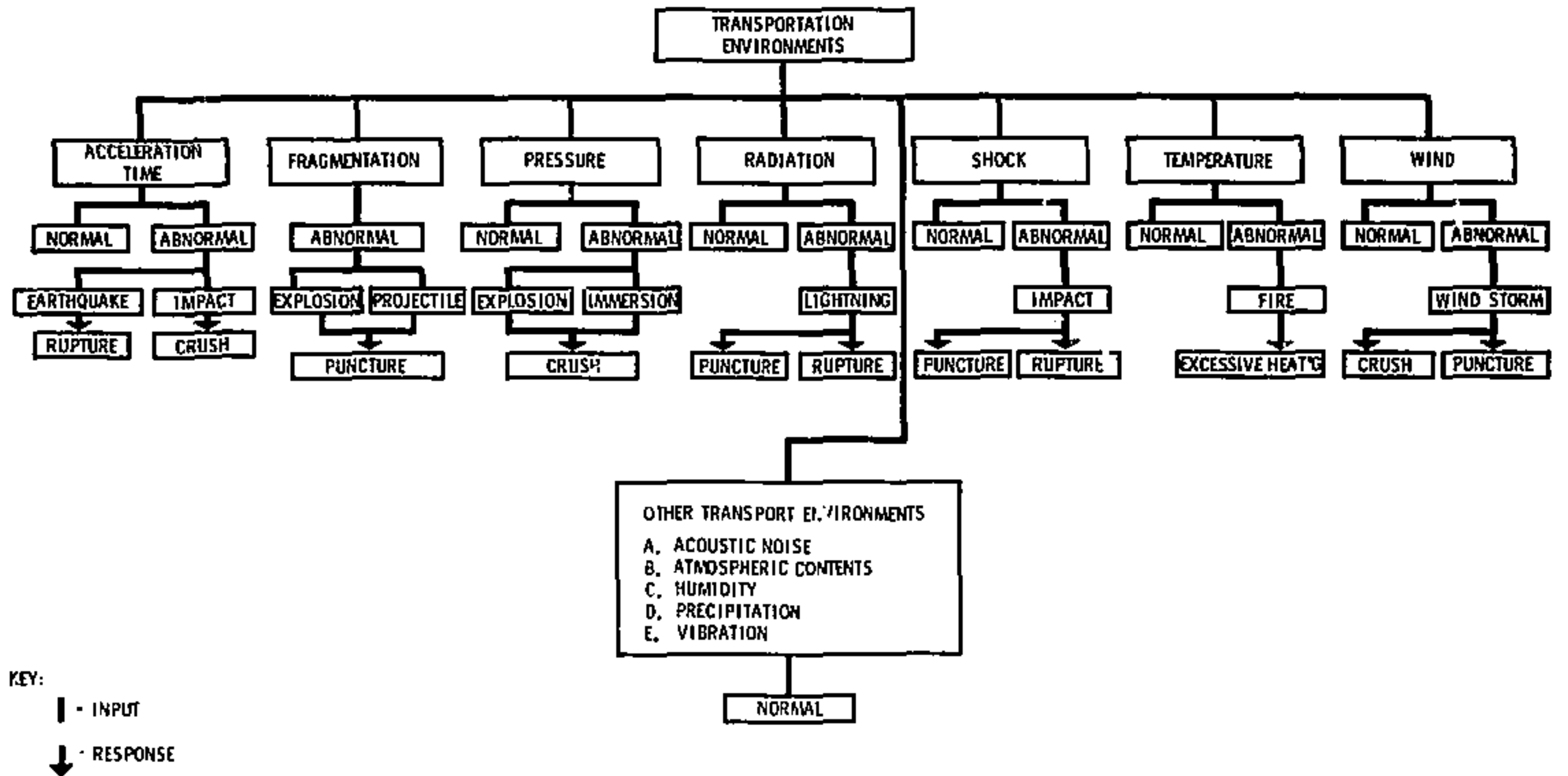


Figure 1. Structure of the Transportation Technical Environmental Information Center

The Data

Normal environmental data stored in the Transportation Technical Environmental Information Center are measured data. They were obtained from reliable sources, both within Sandia Laboratories and from other reputable agencies. When data were required, but not available, the Data Center operators arranged for measurements to provide some of the information.

Most input data in the Data Center under the heading of Abnormal Environments, however, were not measured directly. Because of the number and randomness of occurrence and type, it is impossible to provide engineering instrumentation for measurement. If an instrumented vehicle is subjected to a staged accident, it represents only the one type of event. Therefore, it is necessary to use statistical techniques to characterize the range of environmental intensities which may be experienced by cargo in accidents. The data to which these techniques are applied are often estimated. The basic information which is most useful in estimating abnormal inputs includes the following.

<u>Abnormal Input</u>	<u>Useful Data Parameters</u>
1. Earthquake	Time History
2. Impact	Vehicle Velocity
3. Explosion	Pressure or Missile Velocity, Radius of Missile Travel
4. Projectile/Impalement	Package Velocity, Radius of Probe
5. Immersion	Depth
6. Lightning	Voltage, Amperage, Rise Time, etc
7. Fire	Temperature, Heat Flux and Duration
8. Windstorm	Velocity, Pressure Differential

It is these types of data, or information which permit the derivation of those values, which are stored in the input section of the Abnormal Environment part of the Transportation Technical Environmental Information Center. The response section of the Center is expressed in terms of damage to cargo. Since the cargo damage can be described and measured, measurements and descriptions are included wherever possible.

Mechanics of the Data Center

The data which have been retrieved and entered in the Data Center are on microfilm. Two forms of microfilm are used: aperture card and microfiche. Facilities for viewing the data and obtaining hard copy are located at the Center site. When processing large requests for information, the Center's operators have access to automated means for obtaining hard copy.

The two-part number listed after the title of a particular Data Center entry is the access number for the data file. The first number, e. g., 1614, is the file number. The number after the dash (-) is the number of file cards available on the subject. Requests for hard copies of data should cite these two numbers. For large data requests, it is faster and cheaper for the data center operators to transmit the data to the requestor in the form of duplicate microfilm aperture cards or duplicate microfiche. If the requestor has facilities for reading information in these formats, it should be so stated in the request.

When either raw data or published information is acquired, it is reviewed for engineering data content. Pertinent information is then extracted, collated, and microfilmed. The data cards and/or microfiche are filed in numerical order without regard to subject. This simple technique is possible because of a computerized indexing and retrieval program which was developed for efficient use of the Data Center.

The use of a computer-aided system makes it possible to obtain a more flexible file, permits more complete data retrieval, shortens the time necessary for search, and makes feasible more frequent publication of a current index.

Data Sources

Normal environmental information for inclusion in the Data Center is acquired by the Data Center's operators from many sources. Military agencies, such as Aberdeen Proving Ground, Wright Air Development Center, Naval Ordnance Test Center, and Army QM R&E Center, and industrial groups, such as railroads, aircraft companies, and trucking concerns, have contributed information. A considerable portion of the information has been obtained from various project groups within Sandia Laboratories. The Data Center's operators not only extract information from published sources, but engage in specific research activities to obtain data not otherwise available.

Abnormal environmental information is obtained primarily from U. S. Department of Transportation sources and reports produced by the National Transportation Safety Board. Contacts have been established with various individuals and agencies responsible for accident investigation in the various modes of transportation. An information sources file is maintained as an adjunct to the Center which integrates this Data Center's efforts with other Data Banks collecting related accident information such as accident rates, fatalities, etc.

Availability of the Data

The information in the Data Center is available, within the limits of time, workload, and security regulations, to any requestor. Requests for data should be sent to Division 5523, Sandia Laboratories, Albuquerque, New Mexico, 87185. The request should either outline the specific area for which information is desired, or it should list specific entries, including serial numbers. Requests will be processed as time allows. Agencies outside of the DOE complex will be furnished information subject to the review and release procedures established by the DOE.

The index

The index provided on the following pages is what the Center's operators call a category index. Entry is made into this index by finding the environmental category of interest, such as shock, temperature, vibration, etc. The 12 categories are listed alphabetically.

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SHOCK.....RESPONSE.....TRANSPORTATION.....RAILROAD.....	
	SWITCHING SHOCK,CUSHION UNDERFRAME BOXCAR	C1326-055
	PERFORMANCE FREIGHT-CAR TRKS THROUGH ROAD TESTING	G2165-005
	TRAIN RUN-IN AND RUN-OUT FORCE ANALYSIS ENSCO REPGY	G2111-013
	.....SHOCK.....RESPONSE.....TRANSPORTATION.....OTHER.....	
	SHOCK + VIBRATION DATA OBTAINED FROM TRUCK + RAIL SHIPMENT	C1003-006
	.....SHOCK.....RESPONSE.....UTILIZATION.....RAILROAD.....	
	DYNAMIC MEASUREMENT OF TRACK-INDUCED RAILCAR WHEEL ACC	G2016-006
(IMPACT)	.....SHOCK.....INPUT.....GENERAL.....OTHER.....	
	APPROXIMATE DURATION OF SOME SHORT ACCELERATION LOADS	G0734-001
(IMPACT)	.....SHOCK.....INPUT.....HANDLING.....OTHER.....	
	MAXIMUM DROPS, PACKAGES IN TRANSIT	C1608-004
(IMPACT)	.....SHOCK.....RESPONSE.....HANDLING.....OTHER.....	
	MAXIMUM DROPS, PACKAGES IN TRANSIT	D1608-004
	.....TEMPERATURE.....INPUT.....GENERAL.....AIRCRAFT AND MISSILE..	
	SPACE SHUTTLE ORBITER VIBROACOUSTICS	G2061-023
	.....TEMPERATURE.....INPUT.....GENERAL.....OTHER.....	
	TEMPERATURE REGIME FOR DESERT REGIONS	G0006-002
	TEMPERATURES, 1"-99" DESIGN, FOR UNITED STATES AND CANADA	G0018-002
	ENVIRONMENT CONDITIONS PREVAILING DURING TRANSIT	G0078-001
	TEMPERATURE, EXTREMES/DURATION, FOR STORAGE, HANDLING, TRANSPORT	G0080-002
	TEMPERATURE EXTREMES IN TRANSIT	G0086-001
	RADIATION, MEAN DAILY TOTAL, FLAT SURFACE, LOCATIONS, US/CANADA	G0495-004
	TEMPERATURE, MEAN DATE OF FIRST 32 DEG F IN AUTUMN US	G2171-001
	TEMPERATURE, MEAN DATE OF LAST 32 DEG F IN SPRING US	G2172-001
	TEMPERATURE, MEAN MONTHLY NO. OF DAYS 32 F AND BELOW US	G2173-001
	TEMPERATURE, MEAN LENGTH OF FREEZE-FREE PERIOD-DAYS US	G2174-001
	.....TEMPERATURE.....INPUT.....TRANSPORTATION.....AIRCRAFT.....	
	TEMPERATURES, CARGO COMPARTMENT, C119C AIRCRAFT, ALASKA, INTER	G0061-001
	TEMPERATURES, AIRCRAFT COMPARTMENT	G1062-001
	TEMPERATURES, MAXIMUM/MINIMUM, IN AIR AND AIRCRAFT CARGO HOLDS	G0064-001
	TEMPERATURES, COMPARTMENT, L141A	G0066-001
	FREQUENCY OF OCCURENCE OF AIRCRAFT ICING PARAMETERS	G1009-002
	TEMP/TIME DATA AIRCRAFT, TRUCK, TRAIN, ATMA	G1208-004

.....TEMPERATURE.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....
 TEMPERATURE/TIME DATA, TRUCK (SEE 1288) 01309-004
 TEMPERATURE, TRUCK CARCO, HIGH AND LOW 01327-027

.....TEMPERATURE.....INPUT.....TRANSPORTATION.....RAILROAD.....
 TEMPERATURE, INTERNAL AIR, RAILROAD BOXCAR IN DESERT 00056-001
 TEMPERATURE TESTS, INTERNAL, RAILROAD FREIGHT CARS WINTER 00057-001
 TEMPERATURE/TIME DATA, RAIL AND ATMX CARS (SEE 1288) 01310-004
 TEMPERATURE, HIGH, STANDING BOXCARS 01401-020

.....TEMPERATURE.....INPUT.....TRANSPORTATION.....SHIP.....
 TEMPERATURES AND RELATIVE HUMIDITY, SHIP HOLD 00058-001
 TEMPERATURES, MAXIMUM AND MINIMUM, AT SEA 00059-001
 HUMIDITY, RELATIVE, ABOARD SHIP 00232-001
 TEMPERATURE IN SHIPS HOLDS 01262-003

.....TEMPERATURE.....RESPONSE.....TRANSPORTATION.....AIRCRAFT.....
 TEMP/TIME DATA AIRCRAFT, TRUCK, TRAIN, ATMX 01288-004

.....TEMPERATURE.....RESPONSE.....TRANSPORTATION.....AUTOMOBILE.....
 TEMPERATURE/TIME DATA, TRUCK (SEE 1288) 01309-004
 TEMPERATURE, TRUCK CARCO, HIGH AND LOW 01327-027

.....TEMPERATURE.....RESPONSE.....TRANSPORTATION.....RAILROAD.....
 TEMPERATURE/TIME DATA, RAIL AND ATMX CARS (SEE 1288) 01310-004

.....VIBRATION.....INPUT.....GENERAL.....AIRCRAFT.....
 VIBRATION OF HELICOPTERS (ISOLATION AND ABSORBERS) 02117-005

.....VIBRATION.....INPUT.....GENERAL.....AIRCRAFT AND MISSILE..
 SPACE SHUTTLE ORBITER VIBROACOUSTICS 02001-023

.....VIBRATION.....INPUT.....GENERAL.....RAILROAD.....
 PARAMETRIC STUDIES RE FRT CAR MATH MODEL HARMONIC ROLL 01980-005
 RIDE QUALITY OF A CONTAINER FLAT CAR 01982-006

.....VIBRATION.....INPUT.....HANDLING.....OTHER.....
 SUPPLY, DYNAMIC ENVIRONMENT, FORKLIFT TRUCKS 01744-031
 SHOCK, VIBRATION, 2000 LB FORKLIFT TRUCK (SEE 1744) 01745-046
 VIBRATION, INPUT/RESPONSE, 3000 LB FORKLIFT (SEE 1744) 01748-075
 VIBRATION, INPUT/RESPONSE, 4000 LB FORKLIFT (SEE 1744) 01751-061
 SHOCK, VIBRATION, 7000 LB FORKLIFT TRUCK (SEE 1744) 01752-041

.....VIBRATION.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

DYNAMIC ENVIRONMENT, TURBOJET CARGO AIRCRAFT	A1553-002
VIBRATION, MOST PROBABLE EXTREME, PROPELLER DRIVEN AIRCRAFT	E0420-001
VIBRATION DATA, AIRCRAFT	00424-001
VIBRATIONS, MAXIMUM LATERAL AND VERTICAL, HELICOPTER FLOOR	00433-001
VIBRATION, KC-135 FLOOR, VERTICAL, LATERAL, LONGITUDINAL	00446-001
VIBRATION, FLOOR, PROPELLER, JET, HELICOPTER AIRCRAFT	00447-001
VIBRATION, H-37 HELICOPTER FLOOR, VERTICAL, LATERAL FORE/AFT	00448-001
VIBRATION, C-120 FLOOR, LONGITUDINAL, VERTICAL, LATERAL AXES	00451-001
VIBRATION, L-130 FLOOR, VERTICAL, LATERAL, LONGITUDINAL AXES	00452-001
RESPONSE OF TURBOJET/PISTON ENGINE A/C TO RUNWAY ROUGHNESS	00410-002
VIBRATION, AIR-WING VAN AND C-130, C-133 AIRCRAFT	01148-009
VIBRATION KC135 AFT PASSENGER COMPARTMENT	01318-010
VIBRATION SUMMARY, HELICOPTER, HH43, UH1, OH6, CH47	01321-009
VIBRATION, CARGO FLOOR, UH-1 HELICOPTER	01322-007
VIBRATION, CARGO FLOOR, OH-6 HELICOPTER	01323-007
VIBRATION, CARGO FLOOR, CH-40 HELICOPTER	01324-043
VIBRATION, CARGO FLOOR, CH-47 HELICOPTER	01325-031
VIBRATION, C130A, C130B CARGO FLOOR	01356-001
VIBRATION C130, C133 TAKE OFF AND CRUISE	01357-003
VIBRATION, CSA CARGO FLOOR - SUMMARY - SEE 1440 TO 1444	01439-029
VIBRATION, CSA CARGO FLOOR, STANDARD VIBRATION (SEE 1439)	01440-065
VIBRATION, CSA CARGO FLOOR, FORMAT 2 VIBRATION (SEE 1439)	01441-030
VIBRATION, CSA CARGO FLOOR, PSD (SEE 1439)	01442-068
VIBRATION, CSA CARGO FLOOR, PSD (SEE 1439)	01443-095
DYNAMIC ENVIRONMENT, C141 JET CARGO AIRCRAFT - FIRST FLIGHT	01534-024
DYNAMIC ENVIRONMENT, C141 JET CARGO AIRCRAFT - SECOND FLIGHT	01535-032
DYNAMIC ENVIRONMENT, CSA JET CARGO AIRCRAFT	01536-070
VIBRATION OF A LARGE TRANSPORT HELICOPTER (CH-53A)	02074-005

.....VIBRATION.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....

VAIL SUMMARY, TRUCK SHIPMENT OF 50,000 LB CASK SEE 2063	A2064-004
VAIL SUMMARY, TRUCK SHIPMENT 40,000 LB CASK SEE 2067	A2066-004
TRUCK SHOCK/VIB ENV, LARGE SHIPPING CONTAINER SEE 2071	A2072-001
SHOCK/VIB ENV LARGE SHIPPING CONTAINER BY TRUCK PART 1	A2104-010
SHOCK/VIB ENV LARGE SHIPPING CONTAINER BY TRUCK PART 2	A2105-016
VIBRATION, PROBABLE MAXIMUM, TRUCK, TRAILER, TRACKED VEHICLE	B0307-002
VIBRATION SUMMARY, STANDARD FREIGHT TRAILER R204028	B1998-069
VIBRATION-ACCELERATIONS IN HIGHWAY OPERATION OF TRUCKS	00370-001
VIBRATION IN ROAD VEHICLES	00374-001
VIBRATION, MAXIMUM, ON TRUCKBED, VARIETY OF ROAD OPERATIONS	00377-001
VIBRATION, MAXIMUM ACCELERATION IN CARGO TRUCK	00379-001
VIBRATION DATA, TYPICAL, VAN TRAILER, NORMAL SUSPENSION	00397-001
VIBRATION, FLAT-BED TRACTOR-TRAILER	00401-001
VIBRATION, TRUCK FLOOR, EMPTY AND FULLY LOADED	00449-001
DYNAMIC ENVIRONMENT ON A FLAT BED TRACTOR/TRAILER (AEC/DOD)	01006-008
FINAL ANALYSIS, AEC/DOD FLATBED TRUCK TEST	01003-041
VIBRATION ENVIRONMENT, AEC VAN WITH TRANSIT RIG SHIPPING CONT	01245-001
VIBRATION/SHOCK, 2 1/2 TON TRUCK	01264-006

.....VIBRATION.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....

VIBRATION/SHOCK AIR SUSPENSION VAN	01277-006
SHOCK/VIBRATION SUMMARY, UNION CARBIDE TRUCK TEST	01312-007
VIBRATION DATA, UNION CARBIDE TRUCK TEST	01313-003
VIBRATION, TRUCK, TANDEM AXLE, AIR BAG SUSPENSION	01301-001
VIBRATION IN COMMON MOTOR CARRIERS	01742-007
TRACTOR/TRAILER TRANSPORT, 3 TYPES SUSPENSION SYSTEM	01908-005
VIBRATION, SPECTRAL DENSITY, STANDARD FREIGHT TRAILER	01997-235
CONCEPTS FOR NOISE REDUCTION IN TRACKED VEHICLES	02050-040
PSD STANDARD FREIGHT TRAILER RE-REDUCTION ALSO SEE 1997	02052-007
VIBRATION/PSD, TRUCK SHIPMENT OF 50,000 LB CASK SEE 2064	02063-113
VIBRATION/PSD, TRUCK SHIPMENT OF 44,000 LB CASK SEE 2068	02067-069

.....VIBRATION.....INPUT.....TRANSPORTATION.....RAILROAD.....

RAILCAR SHOCK/VIB ENV, LARGE SHIPPING CONTAINER	A2071-018
SHOCK/VIBRATION ENVIRONMENT SUMMARY, RAIL TRANSPORT	B1320-011
RAIL SUMMARY, ATRX RAIL CAR TEST R800403 SEE ED# 2079	B2066-019
VIBRATION, RAIL TRANSPORT, SUMMARY OF DATA ON	00355-001
VIBRATION DATA, RAIL	00357-001
VIBRATION TESTS, RAILROAD, SPEED 40MPH	00358-001
VIBRATION TESTS, RAILROAD, SPEED 73MPH	00359-001
VIBRATION TESTS, RAILROAD, SPEED 80MPH	00360-001
VIBRATIONS IN RAILROAD FREIGHT CARS AT SPEEDS FROM 31-73MPH	00362-001
VIBRATIONS MEASURED ON ATRX 500 CAR AT SPEEDS 30-70MPH	00363-001
VIBRATION ENVIRONMENT PRODUCED DURING RAIL TRANSPORT	00366-001
VIBRATION, RAILROAD, SOFT SPRUNG CAR, VERTICAL AND LATERAL	00850-001
VIBRATION, RAILROAD CONTINUOUS AND TRANSIENT	C1031-001
VIBRATION, RAILROAD ENVELOPES DIRECTIONAL COMPOSITES	01032-001
SHOCK/VIBRATION SUMMARY, UNION CARBIDE RAIL TEST	01315-007
VIBRATION DATA, UNION CARBIDE RAIL TEST	01316-065
VIBRATION, RAIL BOX CAR W/EMPTY, HALF AND FULL LOAD	01328-084
VIBRATION/PSD, ATRX RAIL CAR TEST R800483	02079-031

.....VIBRATION.....INPUT.....TRANSPORTATION.....SHIP.....

VIBRATION, MOST EXTREME PROBABLE, EXPECTED IN SEA TRANSPORT	B0404-001
VIBRATION MEASUREMENTS ON SHIPBOARD DURING TRANSPORT	00202-001
VIBRATION DATA, SHIPS	00405-001
VIBRATION DATA, SHIPS IN STRAIGHT RUNS AT VARIOUS SPEEDS	00407-001
VIBRATION, SHIPBOARD, NORMAL STEERING AND HARD TURNS	00408-001
VIBRATION DATA, SHIPS, HIGH SPEED MANEUVER AND CRASH BACK	00409-001
VIBRATIONS, SHIPBOARD, FROM VARIOUS SOURCES	00415-001
VIBRATIONS, MERCHANT SHIP SS WOLVERINE STATE	00418-025

.....VIBRATION.....INPUT.....TRANSPORTATION.....OTHER.....

SUMMARY, DYNAMIC ENVIRONMENT OF TRANSPORTATION - 1973	A1354-012
VIBRATION SUMMARIES OF ED-1354 IN PSD FORMATS	E1354-006
VIBRATION-MAXIMUM ACCELERATIONS FOR VARIOUS VEHICLES	00308-001

.....VIBRATION.....INPUT.....TRANSPORTATION.....OTHER.....

SHOCK + VIBRATION DATA OBTAINED FROM TRUCK + RAIL SHIPMENT D1003-006
TRANSPORTATION VIBRATION ENVIRONMENTS C1176-002
TRANSPORTATION OF EUROPEAN SPACELAB COMPONENTS J2210-050

.....VIBRATION.....RESPONSE.....GENERAL.....AIRCRAFT.....

VIBRATION OF HELICOPTERS (ISOLATION AND ABSORBERS) G2117-005

.....VIBRATION.....RESPONSE.....GENERAL.....AUTOMOBILE.....

STUDY OF PASSENGER RESPONSE TO IDEAL AND REAL VEH VIB C1941-001

.....VIBRATION.....RESPONSE.....HANDLING.....OTHER.....

SUMMARY, DYNAMIC ENVIRONMENT, FORKLIFT TRUCKS C1744-031
SHOCK, VIBRATION, 2000 LB FORKLIFT TRUCK (SEE 1744) C1745-040
VIBRATION, INPUT/RESPONSE, 2000 LB FORKLIFT (SEE 1744) C1748-075
VIBRATION, INPUT/RESPONSE, 4000 LB FORKLIFT (SEE 1744) C1751-061
SHOCK, VIBRATION, 7000 LB FORKLIFT TRUCK (SEE 1744) D1752-041

.....VIBRATION.....RESPONSE.....TRANSPORTATION.....AIRCRAFT.....

VIBRATION ACROSS AFT PASSENGER COMPARTMENT Q1318-010

.....VIBRATION.....RESPONSE.....TRANSPORTATION.....AUTOMOBILE.....

TRUCK SHOCK/VIB ENV, LARGE SHIPPING CONTAINER SEE 2071 A2072-001
SHOCK/VIB ENV LARGE SHIPPING CONTAINER BY TRUCK PART 1 A2104-010
SHOCK/VIB ENV LARGE SHIPPING CONTAINER BY TRUCK PART 2 A2105-016
VIBRATION ENVIRONMENT, AEC VAN WITH TRANSIT RIG SHIPPING CONT D1245-061
SHOCK/VIBRATION SUMMARY, UNION CARBIDE TRUCK TEST D1312-007
VIBRATION DATA, UNION CARBIDE TRUCK TEST D1313-045
CONCEPTS FOR NOISE REDUCTION IN TRACKED VEHICLES D2050-040

.....VIBRATION.....RESPONSE.....TRANSPORTATION.....RAILROAD.....

RAILCAR SHOCK/VIB ENV, LARGE SHIPPING CONTAINER A2071-018
SHOCK/VIBRATION ENVIRONMENT SUMMARY, RAIL TRANSPORT B1320-011
RAIL SUMMARY, ATNA RAIL CAR TEST R800403 SEE EDG 2079 B2080-019
SHOCK/VIBRATION SUMMARY, UNION CARBIDE RAIL TEST C1315-007
VIBRATION DATA, UNION CARBIDE RAIL TEST D1316-065
VIBRATION, RAIL BOX CAR W/EMPTY, HALF AND FULL LOAD D1328-034
VIBRATION/PSD, ATNA RAIL CAR TEST R800403 G2079-031

.....VIBRATION.....RESPONSE.....TRANSPORTATION.....OTHER.....

SHOCK + VIBRATION DATA OBTAINED FROM TRUCK + RAIL SHIPMENT C1003-006

.....VIBRATION.....RESPONSE.....UTILIZATION.....RAILROAD.....

DYNAMIC MEASUREMENT OF TRACK-INDUCED RAILCAR WHEEL ACC 02016-006

.....WIND.....INPUT.....GENERAL.....AIRCRAFT AND MISSILE..

SPACE SHUTTLE ORBITER VIBROACOUSTICS 02061-023

.....WIND.....INPUT.....GENERAL.....OTHER.....

ENVIRONMENT CONDITIONS PREVAILING DURING TRANSIT 00078-001

WIND VELOCITIES, WORLDWIDE, AND DISTRIBUTION IN TEMPERATE ZONE 00258-001

WIND SPEED DISTRIBUTION IN THE UNITED STATES 01545-005

GLAZE ICE, WIND LOADS AT EARTH'S SURFACE 01722-001

.....WIND.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

FATIGUE DAMAGE PARAMETERS, TRANSPORT AIRCRAFT 01065-001

GUST LOAD FREQUENCY, AIRCRAFT FLIGHTS, 40-45 KILOFEET, IN STORM 01067-002

AIRCRAFT RECORDINGS DURING A TURBULENCE INCIDENT 01090-001

.....WIND.....RESPONSE.....TRANSPORTATION.....AIRCRAFT.....

GUST LOAD FREQUENCY, AIRCRAFT FLIGHTS, 40-45 KILOFEET, IN STORM 01067-002

AIRCRAFT RECORDINGS DURING A TURBULENCE INCIDENT 01090-001

(STORM)

.....WIND.....INPUT.....GENERAL.....OTHER.....

WIND AND WAVE HEIGHTS - TROPICAL STORMS C1636-002

Abnormal Environments

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....ACCELERATION/TIME.....INPUT.....GENERAL.....AIRCRAFT.....

ACCIDENT RATES, CIVIL AIRCRAFT 1964 - 1974	C1554-006
CIVIL AIRCRAFT ACCIDENT TYPES, 1970 - 1974	C1573-005
AIRCRAFT ACCIDENT REPORTS - NTSB - 1972	C1724-002
AIRCRAFT ACCIDENTS, TYPE, RATE, NTSB 1972	C1756-002
AIRCRAFT ACCIDENTS, TYPE, RATE, NTSB 1973	C1757-010
NTSB 1974 REPORT TO CONGRESS, AIRCRAFT	C1904-004
SUMMARY US CIVIL AVIATION ACCIDENT STATISTICS 1965-75	C1923-007
AIRCRAFT ACCIDENTS INVOLVING FIRES 1963-1974 ANALYSIS	C1940-002
ACCIDENT RATES, CIVIL AIRCRAFT 1974	C1942-004
COMPARISON 1974 CIVIL A/C ACCIDENT RATES TO 1969-73	C1943-007
ACCIDENT RATES, CIVIL AIRCRAFT, 1963-1973	C1959-007
ACCIDENT RATES CIVIL AIRCRAFT 1966 - 1976	C2005-006
ACCIDENT RATES BY MAKE AND MODEL 1973-1976 SEE DB 2005	C2002-001
ACCIDENT RATES US GENERAL AVIATION 1967 TO 1977	C2128-001
ACCIDENT RATES CIVIL AIRCRAFT 1967 - 1977	C2129-006
ACCIDENT RATES BY MAKE AND MODEL 1960-1967	C2134-003
AIRCRAFT ACCIDENTS INVOLVING FIRES 1965-1974 SPECIAL ANALYSIS US NAVY MAJOR AIRCRAFT ACCIDENTS 1972-1974	C2135-031
AIRCRAFT COLLISIONS WITH FLYING WILDLIFE (BAT HAZARD)	C2151-053
	C2107-069

....ACCELERATION/TIME.....INPUT.....GENERAL.....AUTOMOBILE.....

NTSB 1974 REPORT TO CONGRESS, AUTOMOBILE	C1905-001
ACCIDENTS INVOLVING VEHICLES PARKED OR STOPPED 1967-75	C2077-014
INCIDENCE OF HAZARDOUS MATERIAL ACCIDENT-TRUCK SEE2180	C2101-001

....ACCELERATION/TIME.....INPUT.....GENERAL.....RAILROAD.....

RAIL ACCIDENT SPEED STATISTICS	C1020-002
RAIL ACCIDENT STATISTICS, 1969	C1606-002
RAIL ACCIDENT STATISTICS, 1971	C1607-002
NTSB 1974 REPORT TO CONGRESS, RAIL	C1906-001
TRAIN ACCIDENT RATES, 1965-1974	C1920-004
A SAFETY/COST STUDY SHIPPING SPENT FUEL SPECIAL TRAIN	C2049-017
RAIL-HIGHWAY GRADE CROSSING ACCIDENTS 1965-1974	C2113-003
BROKEN RAILS, MAJOR CAUSE OF TRAIN ACCIDENTS 1962-1970	C2137-010
INCIDENCE OF HAZARDOUS MATERIAL ACCIDENT-RAIL SEE2180	C2102-001

....ACCELERATION/TIME.....INPUT.....GENERAL.....SHIP.....

SUMMARY FRT SHIPS AND FRT BARGE ACCIDENTS 1965 - 1974	C1905-005
SUMMARY US TANKSHIPS AND TNK BARGE ACCIDENTS 1963-1975	C1942-005
INCIDENCE OF HAZARDOUS MATERIAL ACCIDENT-SHIP	C2160-001
COMMERCIAL VESSELS THAT CARRY FRT IN ACCIDENTS 1963-74	C2205-020
PUBLIC CARGO VESSEL INVOLVED IN ACCIDENTS 1963-74	C2206-000
FREIGHT BARGE ACCIDENTS REPORTED 1965-74	C2207-143
US INSPECTED CARGO FRT VESSELS ACCIDENTS REPORTED 63-74	C2208-175

....ACCELERATION/TIME.....INPUT.....TRANSPORTATION.....AIRCRAFT.....
 INCIDENCE UNCONTAINED ROTOR BURSTS LOM AVIATION 62-76 02146-002

....ACCELERATION/TIME.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....
 TRAN ACCIDENT RISKS IN NUCLEAR POWER IND 1975-2020 01909-002
 ANALYSIS AND SUMMARY, ACCIDENT INVESTIGATIONS 1973-76 02146-007

....ACCELERATION/TIME.....INPUT.....TRANSPORTATION.....RAILROAD.....
 TRAN ACCIDENT RISKS IN NUCLEAR POWER IND SEE EDB 1969 01990-001

....ACCELERATION/TIME.....INPUT.....TRANSPORTATION.....SHIP.....
 TRAN ACCIDENT RISKS IN NUCLEAR POWER IND SEE EDB 1969 01991-001

(EARTHQUAKE)

....ACCELERATION/TIME.....INPUT.....GENERAL.....OTHER.....
 EARTHQUAKES IN THE UNITED STATES 00948-004
 EARTHQUAKE, STRONG MOTION - ACCELOGRAMS G VS TIME 01526-004
 EARTHQUAKE, STRONG MOTION - ACCELOGRAMS G VS TIME 01527-004
 EARTHQUAKE - ROCK MOTION ACCELOGRAMS G VS TIME, DISTANCE 01528-001
 STRONG MOTION EARTHQUAKE ACCELOGRAMS - PART F 01570-004
 STRONG MOTION EARTHQUAKE ACCELOGRAMS - PART G 01571-004
 STRONG MOTION EARTHQUAKE ACCELOGRAMS - PART H 01572-004
 STRONG MOTION EARTHQUAKE ACCELOGRAMS-VOL I,PT I, DATA 01600-004
 STRONG MOTION EARTHQUAKE ACCELOGRAMS-VOL I,PT J, DATA 01601-004
 STRONG MOTION EARTHQUAKE ACCELOGRAMS-VOL I,PT K, DATA 01602-004
 STRONG MOTION EARTHQUAKE ACCELOGRAMS-VOL III,RES, SPECTRA 01603-003
 STRONG MOTION EARTHQUAKE ACCELOGRAMS-VOL IV,FOURIER SPECTRA 01604-002
 EARTHQUAKE, ANCHORAGE, 1964(ENGINEERING INFORMATION 01601-002
 EARTHQUAKE ACCELOGRAMS-DIGITIZED AND PRINTED DATA 01652-002
 EARTHQUAKE ACCELOGRAMS-RESPONSE SPECTRA 01653-004
 EARTHQUAKE ACCELOGRAMS-RESPONSE SPECTRA 01654-003
 EARTHQUAKE ACCELOGRAMS-FOURIER SPECTRA 01655-003

(IMPACT)

....ACCELERATION/TIME.....INPUT.....GENERAL.....AUTOMOBILE.....
 TRUCK ACCIDENT SPEEDS A - SUMMARY 01607-002
 STATISTICAL STUDY OF TRUCK ACCIDENT SPEEDS 01648-012

(IMPACT)

....ACCELERATION/TIME.....INPUT.....GENERAL.....OTHER.....
 APPROXIMATE DURATION OF SOME SHORT ACCELERATION LOADS 00734-001

(IMPACT)

....ACCELERATION/TIME.....INPUT.....TRANSPORTATION.....AIRCRAFT.....
 ANALYSIS OF DIRECTION OF LOADS IN AIRCRAFT ACCIDENTS 00751-001
 ACCELERATION OF FLOOR-AIRCRAFT CRASHES 00752-001
 ACCELERATION,AIRCRAFT CRASH-VARIOUS ANGLES OF IMPACT 00753-006

(IMPACT)

.....ACCELERATION/TIME.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

CIVIL AVIATION ACCIDENT DATA - 1962 TO 1972	01664-009
AIRCRAFT ACCIDENT - BOEING 707 - 6/20/73	01661-001
AIRCRAFT ACCIDENT - BOEING 747 - 4/12/72	01618-001
A RISK AND COMPARATIVE ANALYSIS OF NAVY AIRCRAFT DATA	01657-001
ARMY ROTARY WING AIRCRAFT ACCIDENTS-COST STUDY 1970-71	01695-016
CRASH RESISTANT FLAMMABLE FLUIDS SYSTEM JH-1A COPTER	02001-003
FULL SCALE CRASH TEST OF A CH-47C HELICOPTER	02124-040
AIRCRAFT ACCIDENT, BOEING 727-225 24 JUN 75	02152-059
AIRCRAFT ACCIDENT, LONVAIR VT-290 (CV-340) 09 JAN 75	02153-031
AIRCRAFT ACCIDENT, BOEING 707-351D 08 SEP 74	02154-044
AIRCRAFT ACCIDENT, BOEING 727-224 7 AUG 75	02155-047
AIRCRAFT ACCIDENT, BOEING 727-225 01 DEC 74	02156-033
AIRCRAFT ACCIDENT, DEMAVILLAND UH-6 9 JAN 75	02157-025
AIRCRAFT ACCIDENT, DC-E 02 15 SEP 70	02158-026
AIRCRAFT ACCIDENT, DC-C 63F 8 SEP 70	02159-036
AIRCRAFT ACCIDENT, DC-B 63F 27 NOV 70	02160-046
AIRCRAFT ACCIDENT, DC-F 31 11 SEP 74	02161-040
AIRCRAFT ACCIDENT, UH-114 24 JUN 72	02162-014
LIGHT PLANE CRASH TESTS AT IMPACT VEL. 13 AND 27 M SEC	02166-054

(IMPACT)

.....ACCELERATION/TIME.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....

TRUCK ACCIDENT ENVIRONMENT ANALYSIS TAC - STUDY	01944-002
ACCELERATIONS, AUTOMOBILE CRASH (HEAD-ON)	00737-001
DECELERATION PATTERNS FOR AUTOMOBILE HEAD-ON COLLISIONS	00738-001
TRUCK ACCIDENTS, NHTSA, FINAL REPORT	01875-019
TRUCK ACCIDENTS, NHTSA, VOL 6, NO. 4	01876-003
TRUCK ACCIDENTS, NHTSA, VOL 6, NO. 5	01877-004
TRUCK ACCIDENTS, NHTSA, VOL 6, NO. 6	01878-006
TRUCK ACCIDENTS, NHTSA, VOL 6, NO. 7	01879-006
TRUCK ACCIDENTS, NHTSA, VOL 6, NO. 8	01880-011
TRUCK ACCIDENTS, NHTSA, VOL 6, NO. 9	01881-014
CAR ACCIDENT, NHTSA, VOL 6, NO. 11	01898-005
TRUCK ACCIDENT, NHTSA, VOL 6, NO. 10	01899-005
TRUCK ACCIDENT, NHTSA, VOL 6, NO. 12	01900-004
TRUCK/PICKUP TRUCK w/CAMPER AND TRAILER COLLISION	01901-015
AUTO COLLISION w/AND COLLAPSE OF BRIDGE, SILOAM, NC	01952-014
TRUCK ACCIDENT, EXPLOSION/FIRE, EAGLE PASS, TEXAS	01953-011
SCHOOLBUS/AUTO COLLISION/ROLLOVER, ASHLAND, OREGON	01954-017
COLLISION OF TRUCK AND BUS, NEAR HAMILTON, GA JUN 1975	01955-009
COLLISION OF WINNEBAGO MOTOR HOME w/BRIDGE 1 JUL 1975	01956-015
COLLISION OF TRUCK AND CAR, LOVINGTON, NM 3 JAN 1976	01957-006
CAR COLLISION, FRONT-TO-FRONT IMPACT TEST AT 60 MPH	01958-002
TRUCK TRACTOR-TRAILER/GROUND/ROLLOVER VOL 7, NO 1	01962-004
TRUCK TRACTOR-SPORTS VAN IMPACT VOL 7, NO 1	01963-005
TRUCK CAR ACCIDENT, BALTIMORE, MD, ON INTERSTATE	01964-006
TRUCK CAR ACCIDENT, NEAR END UNDER-RIDE IMPACT, VOL 7	01965-006
GASOLINE TRUCK ACCIDENT, SEATTLE, WA 4 DEC 1975	01966-001
TRACTOR TRAILER/CAR/SCHOOL BUS, REAR END, ROLLOVER	01967-005

(IMPACT)

....ACCELERATION/TIME.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....

CAR BUS ACCIDENT, OVERLAND PARK, KANSAS	7 OCT 1975	01968-005
STATION WAGON/TRAIN ACCIDENT, BALTIMORE, MD	DEC 1975	01969-006
TRACTOR TRAILER, REAR END AND ROLLOVER NY	1 JUL 1975	01970-005
TRUCK ACCIDENT, TIRE BLEW OUT, IMPACT, NY	21 JUN 1975	01971-005
STATION WAGON/SCHOOL BUS, HEAD ON, HAMBURG, NY	SEP 1975	01972-005
TRUCK/SCHOOL BUS/TRAIN ACCIDENT, ARKANSAS	11 SEP 1975	01973-005
TRACTOR TRAILER, FRONT TO SIDE IMPACT	FEB 1975	01974-006
TRUCK CAR ACCIDENT INTERSECTION, BALTIMORE, MD	FEB 1975	01975-006
CAR/POLE/TRAIN SIDESWIPE IMPACT, LOS ANGELES	25 SEP 1975	01976-004
TRUCK CAR ACCIDENT, REAR END, SAN DIEGO FREEWAY	JAN 1976	01977-005
UNDERIDE OVERIDE INTERVEHICULAR COLLISIONS		02002-003
TRUCK ACCIDENT, TRI-STATE RIG, GILA BEND AZ		02006-006
TRUCK ACCIDENT, COLLISION LEFT ROADWAY WASHINGTON DC		02007-007
TRUCK/SCHOOL BUS COLLISION LAKE PLACID FL		02008-006
TRUCK/VAN/AUTO ACCIDENT LEXINGTON VA	20 AUG 1976	02013-007
LUMBER TRUCK ACCIDENT-CARGO SHIFT, HARTFORD	6 DEC 1975	02027-007
TRUCK/TRAIN CROSSING ACCIDENT NY ROUTE 19	10 NOV 1973	02028-006
TRUCK, FRONT CORNER IMPACT, CONCORD, NY	27 NOV 1973	02030-006
TRUCK WHEEL/CAR - TOP IMPACT NY STATE	26 NOV 1973	02031-005
CAR/TRACTOR-TRAILER UNDERIDE COLLISION	13 DEC 1974	02033-004
TRACTOR-TRAILER CAMPING ACCIDENT, HARDIN, KY	JUN 1975	02036-004
MOTOR HOME, MAN-OFF ROADWAY, IMPACT, FIRE, EXPLOSION	1975	02037-006
TRACTOR-TRAILER/CAR SIDESWIPE RURAL KY	AUG 1973	02038-005
TRUCK CAR ACCIDENT PACIFIC COAST HIGHWAY	17 JUN 1975	02039-004
WHITE FREIGHTLINER ACCIDENT VENTURA FREEWAY	JUN 1975	02040-004
TRUCK TRAILER ROLLOVER, POOR BRAKES, VERNON, CA	JUN 1975	02041-004
TRUCK CAR ACCIDENT, LANE CHANGE, LOS ANGELES	JUN 1975	02042-004
TANKTRUCK ACCIDENT, HELIUM FUEL LEAKAGE	JUL 1975	02043-004
JACKKNIFING TRAILER FORCED TRACTOR INTO BRIDGE	JUL 1975	02044-004
TRUCK TRAILER ACCIDENT, CARGO SHIFT, ROLLOVER	AUG 1975	02045-004
TRUCK ACCIDENT, PROPANE, OVERTURN AND FIRE	9 MAR 1972	02078-014
CAR/TRAIN, GRADE CROSSING, DES MOINES, IOWA	SEE DB 2065	02087-001
TRACTOR TRAILER COLLIDED WITH CAR BAXTER, CA	11 MAR 77	02092-007
TRACTOR/CARGO TANK TRAILER ACCIDENT, CHERRY HILL, NJ		02094-005
TANKTRUCK/RAIL GRADE CROSSING ACCIDENT	SEE DB 2065	02096-001
SCHOOL BUS TRAIN GRADE CROSSING ACCIDENT	SEE DB 2066	02097-001
TRACTOR-SEMITRAILER COLLISION MULTIPLE VEHICLES	AUG 76	02112-013
MINI MOTOR HOME/CAR ACCIDENT MCALISTER, OK	14 JUL 77	02115-014
TRUCK ACCIDENT, PENETRATED BRIDGE RAIL RELEASED NM CG		02116-010
TANKTRUCK RAIL CROSSING ACCIDENT	SEE DB 2118 10 MAR 75	02119-001
TRUCK ACCIDENT, GASOLINE FIRE, BEATTYVILLE KY	09/24/77	02168-014
TRUCK RAIL CROSSING ACCIDENT	SEE DB 2203 27 JAN 76	02204-001

(IMPACT)

....ACCELERATION/TIME.....INPUT.....TRANSPORTATION.....RAILROAD.....

REAR END COLLISION AND DERAILMENT MEEKER, LA	MAY 1975	01924-012
RAIL ACCIDENT, HEAD-IN, EL MONTE, CA	2 APR 1973	01925-004
RAIL ACCIDENT, HEAD-ON, LUFKIN, TEXAS	18 NOV 1973	01926-003
RAIL ACCIDENT, HEAD-ON, COEDEN, ILLINOIS	2 DEC 1973	01927-003

(IMPACT)

.....ACCELERATION/TIME.....INPUT.....TRANSPORTATION.....RAILROAD.....

RAIL ACCIDENT, HEAD-ON, PLAINVIEW, TEXAS	15 DEC 1975	01928-003
RAIL ACCIDENT, HEAD-ON, ST LOUIS, MISSOURI	22 JUN 1974	01929-004
RAIL ACCIDENT, HEAD-ON, MEMPHIS, TENN	24 JAN 1975	01930-003
RAIL ACCIDENT, SIDE-ON, EARLS, TEXAS	29 NOV 1974	01931-003
RAIL ACCIDENT, OPEN SWITCH, WINDHAM, OHIO	22 NOV 1973	01932-002
RAIL ACCIDENT, RAKING, LAKE JUNCTION, NJ	17 JUN 1974	01933-004
RAIL ACCIDENT, REAR END, MURRICANE, ALASKA	5 JUL 1975	01945-012
RAIL ACCIDENT, REAR END, LEETONIA, OHIO	6 JUN 1975	01946-014
RAIL ACCIDENT, REAR END, DUFOU, ILLINOIS	3 JAN 1975	01947-006
RAIL ACCIDENT, GRADE CROSSING, DEL MAR, CA	27 FEB 1974	01948-003
RAIL ACCIDENT, BROKEN RAIL, THOMPSONTOWN, PA	DEC 1974	01949-002
RAIL ACCIDENT, GRADE CROSSING, TRACY, CA	9 MAR 1975	01950-015
RAIL ACCIDENT, GRADE CROSSING, ELWOOD, IL	19 NOV 1975	01951-012
RAIL ACCIDENT, UNPROTECTED GRADE CROSSING	7 FEB 1976	02010-006
RAIL ACCIDENT, DERAILMENT JARRATT VA	5 MAY 1976	02011-013
RAIL ACCIDENT, HEAD-ON 2 TRAINS PETTISVILLE OH		02012-006
AUTOMATED WHEEL-ON-THE-GROUND DERAILMENT DETECT. ON SYS		02017-006
BIRMINGHAM DERAILMENT, TRACK GAGE MISMATCHS	16 JAN 1977	02023-002
RAIL CROSSING ACCIDENT WITH TANK TRUCK SEE EDE2026		02029-001
CAR/TRAIN-FRONT TO SIDE IMPACT UNPROTECTED CROSSING		02032-005
SCHOOL BUS-TRAIN COLLISION STRATTON, NE	8 AUG 1976	02034-006
TRAIN DERAILMENT CARRYING 2 CONTAINERS OF RAM		02049-002
RAIL ACCIDENT, GRADE CROSSING, DES MOINES, IOWA		02065-011
RAIL ACCIDENT, GRADE CROSSING, MAHLAND, VA	15 DEC 76	02095-008
RAIL CROSSING ACCIDENT WITH SCHOOL BUS LAFAYETTE, OH		02098-009
TRAIN ACCIDENT, RAIL FAILURE, RELEASED ANHYDROUS AMMON		02109-012
RAIL CROSSING ACCIDENT W/TANKTRUCK THAYER, MS	10 MAR 77	02118-004
RAIL ACCIDENT, REAR-END BLACK ROCK, NY	15 JUN 75	02121-004
RAIL ACCIDENT, REAR-END NEW YORK CITY, NY	29 JUL 75	02122-004
RAIL DERAILMENT, FIRE, EXPLOSION FERTILE, MN	22 OCT 75	02123-005
RAIL ACCIDENT, HEAD-ON CUANOMA, MS	23 NOV 75	02124-003
RAIL ACCIDENT, HEAD-ON, STATE-OF-ART TRANSIT	11 AUG 73	02136-029
RAIL ACCIDENT, DERAILMENT HASTINGS NE	2 AUG 76	02141-006
RAIL ACCIDENT, HEAD-ON, 2 TRAINS, NEW HAVEN IN	OCT 76	02142-010
RAIL ACCIDENT, DERAILMENT GOODMAN PS AMTRAK	30 JUN 76	02143-010
RAIL ACCIDENT, DERAILMENT GOLDONNA LA	29 DEC 77	02147-014
RAIL ACCIDENT, RAIL FAILURE, PENSACOLA FL	9 NOV 77	02149-023
RAIL ACCIDENT, REAR-END BROOKLYN JUNCTION WV	27 JAN 76	02194-004
RAIL ACCIDENT, REAR-END SANDORH NY	27 JAN 76	02195-005
RAIL ACCIDENT, DERAILMENT WARD AR	3 FEB 76	02196-006
RAIL ACCIDENT, REAR-END TRACK CAR DINGLE ID	1 MAR 76	02197-005
RAIL ACCIDENT, DERAILMENT/FIRE CALVERT TX	30 MAR 76	02198-005
RAIL ACCIDENT, REAR-END BLAIRSVILLE PA	7 APR 76	02199-004
RAIL ACCIDENT, SHIFTED LOAD HUGHES OH	7 JUN 76	02200-006
RAIL ACCIDENT, DERAILMENT CLIFFORD MI	16 OCT 76	02201-003
RAIL ACCIDENT, AMTRAK DERAILMENT CHICAGO IL	16 OCT 76	02202-004
RAIL ACCIDENT, GRADE CROSSING GOLDEN MS	27 JAN 76	02203-006

(IMPACT)ACCELERATION/TIME.....INFUT.....TRANSPORTATION.....SHIP.....

NATURE OF SHIP COLLISIONS WITHIN PORTS C2026-001
 TANKSHIP ACCIDENT, PENETRATION/GAS FIRE IN CARGO TANKS C2048-001
 SS GAUNE COLLIDED W/TANKSHIP SS KEYTRACER 10 JAN 74 C2100-001

(IMPACT)ACCELERATION/TIME.....RESPONSE.....TRANSPORTATION.....AIRCRAFT.....

FULL SCALE CRASH TEST OF A CH-67C HELICOPTER C2024-040
 LIGHT PLANE CRASH TESTS AT IMPACT VEL. 15 AND 27 M SEC C2100-354

(IMPACT)ACCELERATION/TIME.....RESPONSE.....TRANSPORTATION.....AUTOMOBILE.....

TRUCK ACCIDENTS, NHTSA, FINAL REPORT C1875-014
 TRUCK ACCIDENTS, NHTSA, VOL. 0, NO. 4 01070-003
 TRUCK ACCIDENTS, NHTSA, VOL. 0, NO. 5 C1877-004
 TRUCK ACCIDENTS, NHTSA, VOL. 0, NO. 6 C1878-002
 TRUCK ACCIDENTS, NHTSA, VOL. 0, NO. 7 C1879-006
 TRUCK ACCIDENTS, NHTSA, VOL. 0, NO. 8 01880-011
 TRUCK ACCIDENTS, NHTSA, VOL. 0, NO. 9 01881-014
 CAR ACCIDENT, NHTSA, VOL. 0, NO. 11 C1884-005
 TRUCK ACCIDENT, NHTSA, VOL. 0, NO. 10 C1849-005
 TRUCK ACCIDENT, NHTSA, VOL. 0, NO. 12 01960-004
 TRUCK/PICKUP TRUCK W/CAMPER AND TRAILER COLLISION 01901-015
 AUTO COLLISION W/AND COLLAPSE OF BRIDGE, SILOAM, NC 01952-014
 TRUCK ACCIDENT, EXPLOSION/FIRE, EAGLE PASS, TEXAS 01953-011
 SCHOOL BUS/AUTO COLLISION/ROLLOVER, ASHLAND, OREGON 01954-017
 COLLISION OF TRUCK AND BUS, NEAR HAMILTON, GA JUN 1975 01955-009
 COLLISION OF WINNEBAGO MOTOR HOME W/BRIDGE 1 JUL 1975 01956-015
 COLLISION OF TRUCK AND CAR, LOVINGTON, NM 3 JAN 1976 01957-006
 CAR COLLISION, FRONT-TO-FRONT IMPACT TEST AT 60 MPH C1958-002
 TRUCK TRACTOR-TRAILER/ROUND/ROLLOVER VOL 7, NO 1 01962-004
 TRUCK TRACTOR-SPORTS VAN IMPACT VOL 7, NO 1 01963-005
 TRUCK CAR ACCIDENT, BALTIMORE, MD, ON INTERSTATE 01964-006
 TRUCK CAR ACCIDENT, REAR END UNCRASH-RIDE IMPACT, VOL 7 01965-006
 GASOLINE TRUCK ACCIDENT, SEATTLE, WA 4 DEC 1975 01966-001
 TRACTOR TRAILER/CAR/SCHOOL BUS, REAR END, ROLLOVER C1967-005
 CAR BUS ACCIDENT, OVERLAND PARK, KANSAS 7 OCT 1975 01968-005
 STATION WAGON/TRAIN ACCIDENT, BALTIMORE, MD DEC 1975 C1969-006
 TRACTOR TRAILER, REAR END AND ROLLOVER NY 1 JUL 1975 01970-005
 TRUCK ACCIDENT, TIRE BLEW OUT, IMPACT, NY 21 JUN 1975 01971-005
 STATION WAGON/SCHOOL BUS, HEAD ON, HAMBURG, NY SEP 1975 01972-005
 TRACTOR/SCHOOL BUS/TRAIN ACCIDENT, ARKANSAS 11 SEP 1975 01973-005
 TRACTOR TRAILER, FRONT TO SIDE IMPACT FEB 1975 01974-006
 TRUCK CAR ACCIDENT INTERSECTION, BALTIMORE, MD FEB 1975 C1975-006
 CAR/POLE/TRAIN SIDESWIPER IMPACT, LOS ANGELES 25 SEP 1975 01976-004
 TRUCK CAR ACCIDENT, REAR END, SAN DIEGO FREEWAY JAN 1976 C1977-005
 TRUCK ACCIDENT, TRI-STATE RIG, GILA BEND AZ C2006-006
 TRUCK ACCIDENT, COLLISION LEFT ROADWAY WASHINGTON DC 02007-007
 TRUCK/SCHOOL BUS COLLISION LAKE PLACID FL C2008-006
 TRUCK/VAN/AUTO ACCIDENT LEXINGTON VA 20 AUG 1976 C2013-007

(IMPACT)

...ACCELERATION/TIME...RESPONSE...TRANSPORTATION...AUTOMOBILE...

LUMBER TRUCK ACCIDENT-LARLD SHIFT, HARTFORD 6 DEC 1975	G2027-007
TRUCK/TRAIN CROSSING ACCIDENT NY ROUTE 17 10 NOV 1973	G2028-006
TRUCK, FRONT CORNER IMPACT, CONCORD, NY 27 NOV 1973	G2030-006
TRUCK WHEEL/CAR - TOP IMPACT NY STATE 26 NOV 1973	G2031-005
CAR/TRACTOR-TRAILER UNDERMINE COLLISION 13 DEC 1974	G2033-004
TRACTOR-TRAILER CAMPING ACCIDENT, HARDIN, KY JUN 1975	G2036-004
MOTOR HOME, RAN-OFF ROADWAY, IMPACT, FIRE, EXPLOSION 1975	G2037-006
TRACTOR-TRAILER/CAR SIDESWIPED KUHAL KY AUG 1973	G2038-005
TRUCK CAR ACCIDENT PACIFIC COAST HIGHWAY 17 JUN 1975	G2039-004
WHITE FREIGHTLINER ACCIDENT VENTURA FREEWAY JUN 1975	G2040-004
TRUCK TRAILER HOLLGREN, POOR BRAKES, VERN, CA JUN 1975	G2041-004
TRUCK CAR ACCIDENT, LANE CHANGE, LOS ANGELES JUN 1975	G2042-004
TANKTRUCK ACCIDENT, HELIUM FUEL LEAKAGE JUL 1975	G2043-004
JACKKNIFING TRAILER FORCED TRACTOR INTO BRIDGE JUL 1975	G2044-004
TRUCK TRAILER ACCIDENT, CARGO SHIFT, HULLOVER AUG 1975	G2045-004
TRUCK ACCIDENT, PROPANE, OVERTURN AND FIRE 9 MAR 1972	G2078-014
CAR/TRAIN, GRADE CROSSING, DES MOINES, IOWA SEE DB 2085	G2087-001
TRACTOR TRAILER COLLIDED WITH CAR BAXTER, CA 11 MAR 77	G2092-007
TRACTOR/CARGO TANK TRAILER ACCIDENT, CHERRY HILL, NJ	G2094-005
TANKTRUCK/RAIL GRADE CROSSING ACCIDENT SEE DB 2095	G2096-001
SCHOOL BUS TRAIN GRADE CROSSING ACCIDENT SEE DB 2098	G2097-001
TRACTOR-SEMITRAILER COLLISION MULTIPLE VEHICLES AUG 76	G2112-013
MINI MOTOR HOME/CAR ACCIDENT MCALISTER, OK 14 JUL 77	G2115-014
TRUCK ACCIDENT, PENETRATED BRIDGE RAIL RELEASED HM CG	G2116-010
TANKTRUCK RAIL CROSSING ACCIDENT SEE DB 2118 10 MAR 75	G2119-001
TRUCK ACCIDENT, GASOLINE FIRE, HEATYVILLE KY 09/24/77	G2168-014
TRUCK RAIL CROSSING ACCIDENT SEE DB 2203 27 JAN 76	G2204-001

(IMPACT)

...ACCELERATION/TIME...RESPONSE...TRANSPORTATION...RAILROAD...

RAIL ACCIDENT, HEAD-ON, EL MONTE, CA 2 APR 1973	G1925-004
RAIL ACCIDENT, HEAD-ON, LUFKIN, TEXAS 18 NOV 1973	G1926-003
RAIL ACCIDENT, HEAD-ON, COBDEN, ILLINOIS 2 DEC 1973	G1927-003
RAIL ACCIDENT, HEAD-ON, PLAINVIEW, TEXAS 15 DEC 1973	G1928-003
RAIL ACCIDENT, HEAD-ON, ST LOUIS, MISSOURI 22 JUN 1974	G1929-004
RAIL ACCIDENT, HEAD-ON, MEMPHIS, TEN 24 JAN 1975	G1930-003
RAIL ACCIDENT, SIDE-ON, EARLS, TEXAS 29 NOV 1974	G1931-003
RAIL ACCIDENT, OPEN SWITCH, WINDHAM, OHIO 22 NOV 1973	G1932-002
RAIL ACCIDENT, RAKING, LAKE JUNCTION, NJ 17 JUN 1974	G1933-004
RAIL ACCIDENT, REAR END, HURRICANE, ALASKA 5 JUL 1975	G1945-012
RAIL ACCIDENT, REAR END, LEETONIA, OHIO 6 JUN 1975	G1946-014
RAIL ACCIDENT, REAR END, DUPO, ILLINOIS 3 JAN 1975	G1947-004
RAIL ACCIDENT, GRADE CROSSING, DEL MAR, CA 27 FEB 1974	G1948-003
RAIL ACCIDENT, BROKEN RAIL, THOMPSONTOWN, PA DEC 1974	G1949-002
RAIL ACCIDENT, GRADE CROSSING, TRACY, CA 9 MAR 1975	G1950-015
RAIL ACCIDENT, GRADE CROSSING, ELMOG, IL 19 NOV 1975	G1951-012
RAIL ACCIDENT, UNPROTECTED GRADE CROSSING 7 FEB 1976	G2010-006
RAIL ACCIDENT, DERAILMENT JARRATT VA 5 MAY 1976	G2011-013
RAIL ACCIDENT, HEAD-ON 2 TRAINS PETTISVILLE OH	G2012-006

(IMPACT)

.....ACCELERATION/TIME.....RESPONSE.....TRANSPORTATION.....RAILROAD.....

AUTOMATED WHEEL-ON-THE-GROUND DERAILMENT DETECTION SYS 02017-006
 BIRMINGHAM DERAILMENT, TRACK GAGE WIDENS 10 JAN 1977 02023-002
 RAIL CROSSING ACCIDENT WITH TANK TRUCK SEE EDO2026 02029-001
 CAR/TRAIN-FRONT TO SIDE IMPACT UNPROTECTED CROSSING 02032-005
 SCHOOL BUS-TRAIN COLLISION STRATTON, NE 8 AUG 1970 02034-006
 TRAIN DERAILMENT CARRYING 2 CONTAINERS OF RAM 02049-002
 RAIL ACCIDENT, GRADE CROSSING, DES MOINES, IOWA 02065-011
 RAIL ACCIDENT, GRADE CROSSING, MARLAND, OK 15 DEC 76 02095-008
 RAIL CROSSING ACCIDENT WITH SCHOOL BUS LAFAYETTE, OR 02098-009
 TRAIN ACCIDENT, RAIL FAILURE, RELEASED ANHYDROUS AMMON 02109-012
 RAIL CROSSING ACCIDENT W/TANKTRUCK THAYER, MS 10 MAR 7 02118-004
 RAIL ACCIDENT, REAR-END BLACK ROCK, NY 15 JUN 75 02121-004
 RAIL ACCIDENT, REAR-END NEW YORK CITY, NY 29 JUL 75 02122-004
 RAIL DERAILMENT, FIRE, EXPLOSION FERTILE, MN 22 OCT 75 02123-005
 RAIL ACCIDENT, HEAD-ON COAHOMA, MS 23 NOV 75 02124-003
 RAIL ACCIDENT, HEAD-ON, 2 TRAINS, NEW HAVEN IN OCT 76 02142-C10
 RAIL ACCIDENT, DERAILMENT GOODMAN MS ANTRAK 30 JUN 76 02143-010
 RAIL ACCIDENT, DERAILMENT GOLDONNA LA 26 DEC 77 02147-014
 RAIL ACCIDENT, RAIL FAILURE, PENSACOLA FL 9 NOV 77 02169-023
 RAIL ACCIDENT, REAR-END BROOKLYN JUNCTION NY 27 JAN 76 02194-004
 RAIL ACCIDENT, REAR-END SAMBORN NY 27 JAN 76 02195-005
 RAIL ACCIDENT, DERAILMENT WARD AK 3 FEB 76 02196-006
 RAIL ACCIDENT, REAR-END TRACK CAR DINGLE ID 1 MAR 76 02197-005
 RAIL ACCIDENT, DERAILMENT/FIRE CALVERT TX 30 MAR 76 02198-005
 RAIL ACCIDENT, REAR-END BLAIRSVILLE PA 7 APR 76 02199-004
 RAIL ACCIDENT, SHIFTED LOAD HUGHES OH 7 JUN 76 02200-006
 RAIL ACCIDENT, DERAILMENT CLIFFORD MI 16 OCT 76 02201-003
 RAIL ACCIDENT, ANTRAK DERAILMENT CHICAGO IL 16 OCT 76 02202-004
 RAIL ACCIDENT, GRADE CROSSING GOLDEN MS 27 JAN 76 02203-006

(IMPACT)

.....ACCELERATION/TIME.....RESPONSE.....TRANSPORTATION.....SHIP.....

NATURE OF SHIP COLLISIONS WITHIN PORTS 02026-001
 TANKSHIP ACCIDENT, PENETRATION/GAS FIRE IN CARGO TANKS 02048-001
 SS BAUNE COLLIDED W/TANKSHIP SS KEYTRADER 18 JAN 74 02126-001

.....FRAGMENTATION.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

HELICOPTER LANDING GEAR COLLAPSED PAN AM BLDG NY 02046-001
 HELICOPTER MAIN ROTOR HUB TRUSSION FRACTURED/SEPARATED 02047-001

.....FRAGMENTATION.....RESPONSE.....TRANSPORTATION.....AIRCRAFT.....

HELICOPTER LANDING GEAR COLLAPSED PAN AM BLDG NY 02046-001
 HELICOPTER MAIN ROTOR HUB TRUSSION FRACTURED/SEPARATED 02047-001

(PROJECTILE/IMPALEMENT)

.....FRAGMENTATION.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

AIRCRAFT ACCIDENT, INFLIGHT SEPARATION PROPELLER BLADE 02004-001
 AN ASSESSMENT OF TECHNOLOGY TURBOJET ENGINE FAILURES 02139-001

(PROJECTILE/IMPALEMENT)	.....FRAGMENTATION.....INPUT.....TRANSPORTATION.....AIRCRAFT.....	
	INCIDENCE UNCONTAINED ROTOR BURST, COMM AVIATION 62-70	G2140-062
(PUNCTURE)	.....FRAGMENTATION.....INPUT.....GENERAL.....AIRCRAFT.....	
	TURBINE ENGINE ROTOR DISK FAILURES 1962 TO EARLY 1973	02056-013
(PUNCTURE)	.....FRAGMENTATION.....INPUT.....GENERAL.....OTHER.....	
	FRAGMENTS, MASS, VELOCITY, STANDARD ARTILLERY SHELLS	G1814-002
(PUNCTURE)	.....FRAGMENTATION.....INPUT.....TRANSPORTATION.....AIRCRAFT.....	
	ROTOR FRAGMENT CONTAINMENT-JET ENGINE FAILURE - 1972	G1781-016
	ROTOR FAILURES, GAS TURBINE, US COMM AVIATION 1973	02163-033
	ROTOR FAILURES, GAS TURBINE, US COMM AVIATION 1974	02164-032
(PUNCTURE)	.....FRAGMENTATION.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....	
	SEVERITIES TRAN ACCIDENT VOL 3 MOTOR CARRIER SEE A1630	A1663-001
	SEVERITIES TRAN ACCIDENTS INVOLVING LARGE PACKAGES	A2130-080
	TRUCK ACCIDENT-FLORIDA-c/c/71	01695-003
	TRUCK ACCIDENT REPORTS, NHTSA, NO. 7	01753-005
	TRUCK ACCIDENT REPORTS, NHTSA, NO. 8	01754-004
	TRUCK ACCIDENT REPORTS, NHTSA, NO. 9	01755-005
(PUNCTURE)	.....FRAGMENTATION.....INPUT.....TRANSPORTATION.....RAILROAD.....	
	SEVERITIES TRAN ACCIDENT VOL 4 TRAIN SEE A1630	A1986-001
	SEVERITIES RAIL ACCIDENTS LARGE PACKAGES SEE DB A2130	A2131-001
	RAIL ACCIDENT, HOUSTON, TEXAS 21 SEPT, 1974	01893-014
	TRAIN ACCIDENT, RAIL FAILURE, RELEASED ANHYDROUS AMMON	G2109-012
	TRAIN DERAILMENT, FIRES AND EXPLOSION, BELT, MONTANA	G2110-010
	TRAIN ACCIDENT, COLLISION W/RAIL MAIN, AZ 16 MAR 75	02120-005
	RAIL ACCIDENT, DERAILMENT GOLDONNA LA 26 DEC 77	G2147-014
	RAIL ACCIDENT, RAIL FAILURE, PENSACOLA FL 9 NOV 77	G2169-023
	RAIL ACCIDENT, SHIFTED LOAD HUGHES OH 7 JUN 76	02200-006
	RAIL ACCIDENT, DERAILMENT CLIFFORD MI 18 OCT 76	02201-003
(PUNCTURE)	.....FRAGMENTATION.....INPUT.....TRANSPORTATION.....SHIP.....	
	IMPACT, PENETRATION, SHIP COLLISION AND GROUNDING	01550-001
	SS BAUNE COLLIDED W/TANKSHIP SS KEYTRADER 18 JAN 74	02146-001
(PUNCTURE)	.....FRAGMENTATION.....INPUT.....TRANSPORTATION.....OTHER.....	
	SEVERITIES OF TRANSPORTATION ACCIDENTS VOL 1 SUMMARY	A1630-006

(PUNCTURE)FRAGMENTATION.....RESPONSE.....TRANSPORTATION.....AUTOMOBILE.....

CARGO RESPONSE TRUCK AND RAIL ACCIDENTS 01008-002
TRUCK ACCIDENT-FLORIDA-6/0/71 01095-003

(PUNCTURE)FRAGMENTATION.....RESPONSE.....TRANSPORTATION.....RAILROAD.....

CARGO RESPONSE TRUCK AND RAIL ACCIDENTS SEE EDB1000 01099-002
RAIL ACCIDENT, HOUSTON, TEXAS, 19 OCT 1971 01046-000
RAIL ACCIDENT, CRESCENT CITY, 19 AUG 1970 01047-009
RAIL ACCIDENT, HOUSTON, TEXAS 21 SEPT, 1974 01093-014
TRAIN ACCIDENT, RAIL FAILURE. RELEASED ANHYDROUS AMMON 02109-012
TRAIN DERAILMENT, FIRES AND EXPLOSION, BELT, MONTANA 02110-010
TRAIN ACCIDENT, COLLISION W/RAIL MAIN, AZ 10 MAR 75 02120-005
RAIL ACCIDENT, DERAILMENT GOLDONNA LA 20 DEC 77 02147-014
RAIL ACCIDENT, RAIL FAILURE, PENSACOLA FL 9 NOV 77 02109-023
RAIL ACCIDENT, SHIFTED LOAD HUGHES OH 7 JUN 76 02200-006
RAIL ACCIDENT, DERAILMENT CLIFFORD MI 18 OCT 76 02201-003

(PUNCTURE)FRAGMENTATION.....RESPONSE.....TRANSPORTATION.....SHIP.....

SS BAUNE COLLIDED W/TANASHP SS KEYTRADER 18 JAN 74 02126-001

(EXPLOSION)FRAGMENTATION.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

AIRCRAFT ACCIDENT, BOEING 707-333B 08 SEP 74 02154-044

(EXPLOSION)FRAGMENTATION.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....

TRUCK ACCIDENT-NEW JERSEY 9/21/72 01090-003
TRUCK ACCIDENT-GEORGIA-6/4/71 01094-003
TRUCK ACCIDENT-VIRGINIA-3/9/72 01096-003
RISK ASSESSMENT OF TRANSPORT OF LPG 02177-091

(EXPLOSION)FRAGMENTATION.....INPUT.....TRANSPORTATION.....RAILROAD.....

RAIL DERAILMENT, FIRE, EXPLOSION FERTILE, MN 22 OCT 75 02123-005

(EXPLOSION)FRAGMENTATION.....INPUT.....TRANSPORTATION.....SHIP.....

EXPLOSION FIRE ENGULFED THE M/T ELIAS, UNLOADING APR 74 02127-003
RISK ASSESSMENT OF TRANSPORT OF LNG SEE EDB 2177 02178-001

(EXPLOSION)FRAGMENTATION.....RESPONSE.....TRANSPORTATION.....RAILROAD.....

RAIL DERAILMENT, FIRE, EXPLOSION FERTILE, MN 22 OCT 75 02123-005

(EXPLOSION)FRAGMENTATION.....RESPONSE.....TRANSPORTATION.....SHIP.....

EXPLOSION FIRE ENGULFED THE M/T ELIAS, UNLOADING APR 74 02127-003

.....PRESSURE.....INPUT.....GENERAL.....OTHER.....

.....PRESSURE.....INPUT.....GENERAL.....OTHER.....

	TYPHOON REPORT - PACIFIC OCEAN - 1959	01802-003
	TYPHOON REPORT - PACIFIC OCEAN - 1960	01803-003
	TYPHOON REPORT - PACIFIC OCEAN - 1961	01804-003
	TYPHOON REPORT - PACIFIC OCEAN - 1962	01805-004
	TYPHOON REPORT - PACIFIC OCEAN - 1963	01806-003
	TYPHOON REPORT - PACIFIC OCEAN - 1965	01807-003
	TYPHOON REPORT - PACIFIC OCEAN - 1966	01808-003
	TYPHOON REPORT - PACIFIC OCEAN - 1967	01809-003
	TYPHOON REPORT - PACIFIC OCEAN - 1968	01810-004
	TYPHOON REPORT - PACIFIC OCEAN - 1969	01811-002
	TYPHOON REPORT - PACIFIC OCEAN - 1970	01812-003
	TYPHOON REPORT - PACIFIC OCEAN - 1974	01813-003
	TROPICAL CYCLONES	01856-002

(CRUSH)PRESSURE.....INPUT.....GENERAL.....AIRCRAFT.....

	CRUSH ENVIRONMENT SMALL CONTAINERS CARRIED BY US JETS	02114-012
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(CRUSH)PRESSURE.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....

	GASOLINE TRUCK ACCIDENT, SEATTLE, WA 4 DEC 1975	01966-001
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(CRUSH)PRESSURE.....RESPONSE.....GENERAL.....AIRCRAFT.....

	CRUSH ENVIRONMENT SMALL CONTAINERS CARRIED BY US JETS	02114-012
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(CRUSH)PRESSURE.....RESPONSE.....TRANSPORTATION.....AUTOMOBILE.....

	CARGO RESPONSE TRUCK AND RAIL ACCIDENTS	01668-002
	GASOLINE TRUCK ACCIDENT, SEATTLE, WA 4 DEC 1975	01966-001

(CRUSH)PRESSURE.....RESPONSE.....TRANSPORTATION.....RAILROAD.....

	CARGO RESPONSE TRUCK AND RAIL ACCIDENTS SEE ED01688	01669-002
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(IMMERSION)PRESSURE.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

	SEVERITIES TRAN ACCIDENT VOL 2 CARGO AIRCRAFT SEE 1630	A1662-001
	A/C ACCIDENT DEHAVILLAND DHC 16 FEB 1970	01679-003
	A/C ACCIDENT DE9 MAY 1970	01662-003
	A/C ACCIDENT SKYVAN SERIES 3 JULY 1970	01663-003

(IMMERSION)PRESSURE.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....

	SEVERITIES TRAN ACCIDENT VOL 3 MOTOR CARRIER SEE A1630	A1663-001
	SEVERITIES TRAN ACCIDENTS INVOLVING LARGE PACKAGES	A2130-000

(IMPRESSION)PRESSURE.....INPUT.....TRANSPORTATION.....RAILROAD.....
 SEVERITIES TRAN ACCIDENT VOL 4 TRAIN SEE A1630 A1706-001
 SEVERITIES MAIL ACCIDENTS LARGE PACKAGES SEE DO A2130 A2131-001

(IMPRESSION)PRESSURE.....INPUT.....TRANSPORTATION.....SHIP.....
 SINKING SS SILVER DOVE, CRACKED WALL IN CARGO HOLD 02009-003
 SINKING GREAT LAKES BULK CARGO VESSEL SS ED FITZGERALD 02125-001

(IMPRESSION)PRESSURE.....INPUT.....TRANSPORTATION.....OTHER.....
 SEVERITIES OF TRANSPORTATION ACCIDENTS VOL 1 SUMMARY A1630-000

(IMPRESSION)PRESSURE.....RESPONSE.....TRANSPORTATION.....SHIP.....
 SINKING SS SILVER DOVE, CRACKED WALL IN CARGO HOLD 02009-003
 SINKING GREAT LAKES BULK CARGO VESSEL SS ED FITZGERALD 02125-001

(EXPLOSION)PRESSURE.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....
 HYDROGEN TRANSPORT AND HANDLING EXPLOSION 01758-001
 TRUCK ACCIDENT, EXPLOSION/FIRE, EAGLE PASS, TEXAS 01953-011
 COLLISION OF WINNEBAGO MOTOR HOME W/BRIDGE 1 JUL 1975 01956-015
 MOTOR HOME, RAN-OFF ROADWAY, IMPACT, FIRE, EXPLOSION 1975 02037-000

(EXPLOSION)PRESSURE.....INPUT.....TRANSPORTATION.....RAILROAD.....
 MAIL ACCIDENT, EAST ST LOUIS, ILLINOIS - 1/22/72 01706-003
 RAIL ACCIDENT, CRETE, NEBRASKA - 2/18/69 01707-003
 MAIL ACCIDENT, HOUSTON, TEXAS - 10/19/71 01708-010
 RAIL ACCIDENT, DECATUR, ILL 19 JULY, 1974 01809-012
 RAIL ACCIDENT, PENSON, AR 24 MAY, 1973 01891-016
 MAIL ACCIDENT, HOUSTON, TEXAS 21 SEPT, 1974 01893-014
 RAIL ACCIDENT, EXPLOSION OF PRM, WENATCHEE, WI AUG 1974 01938-035

(EXPLOSION)PRESSURE.....RESPONSE.....TRANSPORTATION.....AUTOMOBILE.....
 TRUCK ACCIDENT, EXPLOSION/FIRE, EAGLE PASS, TEXAS 01953-011
 COLLISION OF WINNEBAGO MOTOR HOME W/BRIDGE 1 JUL 1975 01956-015
 MOTOR HOME, RAN-OFF ROADWAY, IMPACT, FIRE, EXPLOSION 1975 02037-000

(EXPLOSION)PRESSURE.....RESPONSE.....TRANSPORTATION.....RAILROAD.....
 RAIL ACCIDENT, DECATUR, ILL 19 JULY, 1974 01809-012
 RAIL ACCIDENT, PENSON, AR 24 MAY, 1973 01891-016
 RAIL ACCIDENT, HOUSTON, TEXAS 21 SEPT, 1974 01893-014

.....RADIATION.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....
 TRAN ACCIDENT RISKS IN NUCLEAR POWER IND 1975-2020 01709-002

	.....RADIATION.....INPUT.....TRANSPORTATION.....RAILROAD.....	
	TRAIN ACCIDENT RISKS IN NUCLEAR POWER IND SEE EDD 1969	G1990-001
	.....RADIATION.....INPUT.....TRANSPORTATION.....SHIP.....	
	TRAIN ACCIDENT RISKS IN NUCLEAR POWER IND SEE EDD 1969	G1991-001
(LIGHTNING)	.....RADIATION.....INPUT.....GENERAL.....OTHER.....	
	VOLTAGE AND CURRENT CHARACTERISTICS OF LIGHTNING STRIKE	00464-002
	PROPERTIES OF LIGHTNING STROKES	00999-001
(LIGHTNING)	.....RADIATION.....INPUT.....TRANSPORTATION.....AIRCRAFT.....	
	LIGHTNING THREAT TO AIRCRAFT	D1000-002
	LIGHTNING HAZARD TO AIRCRAFT	D1415-006
	MEASUREMENT LIGHTNING INDUCED VOLTAGES IN AN F4H-1	G2185-130
(CRUSH)	.....SHOCK.....INPUT.....GENERAL.....AIRCRAFT.....	
	CRUSH ENVIRONMENT SMALL CONTAINERS CARRIED BY US JETS	G2114-012
(CRUSH)	.....SHOCK.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....	
	SEVERITIES TRAIN ACCIDENT VOL 3 MOTOR CARRIER SEE A1630	A1663-001
	SEVERITIES TRAIN ACCIDENTS INVOLVING LARGE PACKAGES	A2130-080
	TRUCK ACCIDENT REPORTS, NHTSA, NO. 7	01753-005
	TRUCK ACCIDENT REPORTS, NHTSA, NO. 8	01754-004
	TRUCK ACCIDENT REPORTS, NHTSA, NO. 9	01755-005
	TRUCK ACCIDENT, NHTSA, VOL. 6, NO. 10	01899-005
	TRUCK ACCIDENT, NHTSA, VOL. 6, NO. 12	01900-004
	TRUCK/PICKUP TRUCK w/CAMPER AND TRAILER COLLISION	01901-015
	TRUCK TRACTOR-TRAILER/GROUND/ROLLOVER VOL 7, NO 1	01962-004
	TRUCK TRACTOR-SPORTS VAN IMPACT VOL 7, NO 1	01963-005
	TRUCK CAR ACCIDENT, BALTIMORE, MD, ON INTERSTATE	01964-006
	TRUCK CAR ACCIDENT, REAR END UNDER-RIDE IMPACT, VOL 7	01965-006
	LUMBER TRUCK ACCIDENT-CARGO SHIFT, HARTFORD 6 DEC 1975	02027-007
	TRUCK WHEEL/CAR - TOP IMPACT NY STATE 26 NOV 1973	02031-005
	TRACTOR-TRAILER CAMPING ACCIDENT, HARDIN, KY JUN 1975	02036-004
(CRUSH)	.....SHOCK.....INPUT.....TRANSPORTATION.....RAILROAD.....	
	SEVERITIES TRAIN ACCIDENT VOL 4 TRAIN SEE A1630	A1966-001
	SEVERITIES RAIL ACCIDENTS LARGE PACKAGES SEE DB A2130	A2131-001
	RAIL ACCIDENT, HOUSTON, TEXAS 21 SEPT, 1974	01893-014
(CRUSH)	.....SHOCK.....INPUT.....TRANSPORTATION.....OTHER.....	
	SEVERITIES OF TRANSPORTATION ACCIDENTS VOL 1 SUMMARY	A1630-006

(CRUSH)	.....SHOCK.....RESPONSE.....GENERAL.....AIRCRAFT.....	
	CRUSH ENVIRONMENT SMALL CONTAINERS CARRIED BY US JETS	G2114-J12
(CRUSH)	.....SHOCK.....RESPONSE.....TRANSPORTATION.....AUTOMOBILE.....	
	TRUCK ACCIDENT, NHTSA, VOL. 6, NO. 10	01999-003
	TRUCK ACCIDENT, NHTSA, VOL. 6, NO. 12	01960-004
	TRUCK/PICKUP TRUCK w/CAMPER AND TRAILER COLLISION	01901-015
	TRUCK TRACTOR-TRAILER/GROUND/ROLLOVER VOL 7, NO 1	01962-004
	TRUCK TRACTOR-SPORTS VAN IMPACT VOL 7, NO 1	01963-005
	TRUCK CAR ACCIDENT, BALTIMORE, MD, ON INTERSTATE	01964-006
	TRUCK CAR ACCIDENT, REAR END UNDER-RIDE IMPACT, VOL 7	01965-006
	LUMBER TRUCK ACCIDENT-CARGO SHIFT, HARTFORD 6 DEC 1975	G2027-007
	TRUCK WHEEL/CAR - TCP IMPACT NY STATE 26 NOV 1973	G2031-005
	TRACTOR-TRAILER CAMPING ACCIDENT, HARDIN, KY JUN 1975	G2036-004
(CRUSH)	.....SHOCK.....RESPONSE.....TRANSPORTATION.....RAILROAD.....	
	RAIL ACCIDENT, HOUSTON, TEXAS, 19 OCT 1971	01846-006
	RAIL ACCIDENT, CRESCENT CITY, 19 AUG 1970	01847-009
	RAIL ACCIDENT, HOUSTON, TEXAS 21 SEPT, 1974	01893-014
(IMPACT)	.....SHOCK.....INPUT.....GENERAL.....AUTOMOBILE.....	
	TRUCK ACCIDENT SPEEDS A - SUMMARY	01667-002
	STATISTICAL STUDY OF TRUCK ACCIDENT SPEEDS	01698-012
(IMPACT)	.....SHOCK.....INPUT.....GENERAL.....RAILROAD.....	
	FREIGHT TRAIN ACCIDENTS, NUMBER OF CARS INVOLVED	G1729-007
(IMPACT)	.....SHOCK.....INPUT.....GENERAL.....OTHER.....	
	APPROXIMATE DURATION OF SOME SHORT ACCELERATION LOADS	G0734-001
(IMPACT)	.....SHOCK.....INPUT.....HANDLING.....OTHER.....	
	IMPACTS DUE TO LARGE DROPS WHEN LOADING	G0342-001
	MAXIMUM DROPS, PACKAGES IN TRANSIT	G1608-004
(IMPACT)	.....SHOCK.....INPUT.....TRANSPORTATION.....AIRCRAFT.....	
	SEVERITIES THAN ACCIDENT VOL 2 CARGO AIRCRAFT SEE 1630	A1662-001
	ANALYSIS OF DIRECTION OF LOADS IN AIRCRAFT ACCIDENTS	G0751-001
	ACCELERATION OF FLOOR-AIRCRAFT CRASHES	G0752-001
	ACCELERATION, AIRCRAFT CRASH-VARIOUS ANGLES OF IMPACT	G0753-003
	CRASH TEST, DC-7 AIRCRAFT	G1104-007
	CRASH TEST, CONSTELLATION AIRCRAFT	G1105-010
	CIVIL AVIATION ACCIDENT DATA - 1962 TO 1972	G1664-009
	ANALYSIS OF CARGO A/C CRASH RECORDS CAB DATA	G1668-005

(IMPACT)

.....SHOCK.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

CRASH IMPACT CONDITIONS, MULTI ENGINE TRANSPORT A/C	C1670-024
SURVEY OF A/C CRASH SURVIVABILITY, CARGO AT A/C CG	C1671-004
ACCIDENT DATA, MULTIENGINE AIRCRAFT	C1672-010
A/C ACCIDENT DCB 02 SEPT 1970	C1676-003
A/C ACCIDENT MARTIN 404 OCT 1970	01677-003
A/C ACCIDENT CUNVAIR 50L DEC 1962	01678-003
A/C ACCIDENT DEHAVILLAND DHC 16 FEB 1970	01679-003
A/C ACCIDENT DOUGLAS C540 APRIL 1970	C1680-003
A/C ACCIDENT DC 9 JAN 1970	C1681-003
A/C ACCIDENT DC9 MAY 1970	C1682-003
A/C ACCIDENT SKYVAN SERIES 3 JULY 1970	C1683-003
A/C ACCIDENT DC9 32 SEPT 1970 SEE EDB 2159	01684-003
A/C ACCIDENT DCB 03F SEPT 1970	01686-003
AIRCRAFT ACCIDENT - BOEING 707 - 1/16/74	01688-001
AIRCRAFT CRASH ENVIRONMENTS - NAVY	01619-001
AIRCRAFT ACCIDENT - CUNVAIR 600 - 9/27/73	01620-001
AIRCRAFT MIDAIR COLLISIONS	01622-002
AIRCRAFT DITCHING INVESTIGATION	01623-002
A/C CRASH, B707, BOSTON, 3 NOV 1973	01643-023
A RISK AND COMPARATIVE ANALYSIS OF NAVY AIRCRAFT DATA	01657-001
ARMY ROTARY WING AIRCRAFT ACCIDENTS-COST STUDY 1970-71	01645-016
FULL SCALE CRASH TEST OF A CH-47C HELICOPTER	02024-040

(IMPACT)

.....SHOCK.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....

SEVERITIES THAN ACCIDENTS INVOLVING LARGE PACKAGES	A2130-080
TRUCK ACCIDENT ENVIRONMENT ANALYSIS TAC - STUDY	C1944-002
ACCELERATIONS, AUTOMOBILE CRASH (HEAD-ON)	00737-001
DECELERATION PATTERNS FOR AUTOMOBILE HEAD-ON COLLISIONS	00738-001
ACCIDENT REPORT, TRUCK - VENTURA, CALIFORNIA, 8-10-71	01659-003
TRUCK ACCIDENT-NEW JERSEY 9/21/72	01690-003
TRUCK ACCIDENT-ARIZONA 8/31/70	01691-003
TRUCK ACCIDENT-VIRGINIA 4/13/72	01692-003
TRUCK ACCIDENT-PENN-9/5/71	01693-003
TRUCK ACCIDENT-GEORGIA-6/4/71	01694-003
TRUCK ACCIDENT-FLORIDA-8/6/71	01695-003
TRUCK ACCIDENT-VIRGINIA-3/9/72	01696-003
TRUCK ACCIDENT-TENN-5/13/72	01697-002
RAIL/ROAD VEHICLE ACCIDENT, OKLAHOMA - 4/5/71-SEE 1710	01711-001
RAIL/ROAD VEHICLE ACCIDENT, NEW YORK -3/24/72	01712-003
RAIL/ROAD VEHICLE ACCIDENT, ILLINOIS -1/24/70-SEE 1714	01715-001
TRUCK ACCIDENT REPORTS, NHTSA, NO. 7	01753-005
TRUCK ACCIDENT REPORTS, NHTSA, NO. 8	C1754-004
TRUCK ACCIDENT REPORTS, NHTSA, NO. 9	01755-005
TRUCK ACCIDENT REPORTS - BOSTON UNIV., 1973	01770-004
TRUCK ACCIDENT REPORTS - NHTSA, NO. 3	01771-003
RAIL-HIGHWAY GRADE CROSSING ACCIDENTS, 1972 (SEE 1775)	01776-001
RAIL-HIGHWAY GRADE CROSSING ACCIDENTS, 1973 (SEE 1777)	01778-001
TRUCK ACCIDENT - TENNESSEE - 8/27/73	01783-001

(IMPACT)

.....SHOCK.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....

TRUCK ACCIDENT - VIRGINIA - 4/12/72	01704-002
TRUCK ACCIDENT - TEXAS - 5/7/73	01705-002
TRUCK ACCIDENT - IOWA - 4/2/73	01706-001
TRUCK ACCIDENT - VIRGINIA - 3/26/74	01707-003
TRUCK ACCIDENT - MASSACHUSETTS - 10/10/71	01708-002
TRUCK/BUS ACCIDENT, NEW JERSEY, 14 OCT 1973	01845-014
TRUCK ACCIDENTS, NHTSA, FINAL REPORT	01875-019
TRUCK ACCIDENTS, NHTSA, VOL 0, NO 4	01876-003
TRUCK ACCIDENTS, NHTSA, VOL 0, NO 5	01877-004
TRUCK ACCIDENTS, NHTSA, VOL 0, NO 6	01878-000
TRUCK ACCIDENTS, NHTSA, VOL 0, NO 7	01879-000
TRUCK ACCIDENTS, NHTSA, VOL 0, NO 8	01880-011
TRUCK ACCIDENTS, NHTSA, VOL 0, NO 9	01881-014
ACCIDENTS, CANADA, RAIL CONTAINERS	01888-013
AUTO COLLISION W/AND COLLAPSE OF BRIDGE, SILOAM, NC	01951-010
TRUCK ACCIDENT, EXPLOSION/FIRE, EAGLE PASS, TEXAS	01952-011
SCHOOLBUS/AUTO COLLISION/ROLLOVER, ASHLAND, DREEM	01954-017
COLLISION OF TRUCK AND BUS, NEAR HAMILTON, GA JUN 1975	01955-009
COLLISION OF WINNEBAGO MOTOR HOME W/BRIDGE 1 JUL 1975	01956-015
COLLISION OF TRUCK AND CAR, LIVINGSTON, NM 3 JAN 1976	01957-000
CAR COLLISION, FRONT-TO-FRONT IMPACT TEST AT 60 MPH	01958-002
GASOLINE TRUCK ACCIDENT, SEATTLE, WA 6 DEC 1975	01966-001
TRACTOR TRAILER/CAR/SCHOOL BUS, NEAR END, ROLLOVER	01967-005
CAR BUS ACCIDENT, OVERLAND PARK, KANSAS 7 OCT 1975	01968-005
STATION WAGON/TRAIN ACCIDENT, BALTIMORE, MD DEC 1975	01969-006
TRACTOR TRAILER, NEAR END AND ROLLOVER NY 1 JUL 1975	01970-005
TRUCK ACCIDENT, TIRE BLEW OUT, IMPACT, NY 21 JUN 1975	01971-005
STATION WAGON/SCHOOL BUS, HEAD ON, HAMBURG, NY SEP 1975	01972-005
TRUCK/SCHOOL BUS/TRAIN ACCIDENT, ARKANSAS 11 SEP 1975	01973-005
TRACTOR TRAILER, FRONT TO SIDE IMPACT FEB 1975	01974-006
TRUCK CAR ACCIDENT INTERSECTION, BALTIMORE, MD FEB 1975	01975-006
CAR/POLE/TRAIN SIDESWIFE IMPACT, LOS ANGELES 25 SEP 1975	01976-004
TRUCK CAR ACCIDENT, NEAR END, SAN DIEGO FREEWAY JAN 1976	01977-005
UNDERIDE OVERIDE INTERVEHICULAR COLLISIONS	02002-003
TRUCK ACCIDENT, COLLISION LEFT ROADWAY WASHINGTON DC	02007-007
TRUCK/VAN/AUTO ACCIDENT LEXINGTON VA 20 AUG 1976	02013-007
TRUCK, FRONT CORNER IMPACT, CONCORD, NY 27 NOV 1973	02030-006
CAR/TRACTOR-TRAILER UNDERIDE COLLISION 13 DEC 1974	02033-004
TRUCK CAR ACCIDENT PACIFIC COAST HIGHWAY 17 JUN 1975	02039-004
WHITE FREIGHTLINER ACCIDENT VENTURA FREEWAY JUN 1975	02040-004
TRUCK TRAILER ROLLOVER, POOR BRAKES, VERNON, CA JUN 1975	02041-004
TANKTRUCK ACCIDENT, HELIUM FUEL LEAKAGE JUL 1975	02043-004
JACKKNIFING TRAILER FORCED TRACTOR INTO BRIDGE JUL 1975	02044-004
TRUCK TRAILER ACCIDENT, CARGO SHIFT, ROLLOVER AUG 1975	02045-004
CAR/TRAIN, GRADE CROSSING, DES MOINES, IOWA SEE DB 2055	02057-001
TRACTOR TRAILER COLLIDED WITH CAR WAXTER, CA 17 MAR 77	02062-007
TRACTOR/CARGO TANK TRAILER ACCIDENT, CHEY HILL, NJ	02064-005
TANKTRUCK/RAIL GRADE CROSSING ACCIDENT SEE DB 2045	02066-001
SCHOOL BUS TRAIN GRADE CROSSING ACCIDENT SEE DB 2046	02067-001

(IMPACT)

.....SHUCK.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....

TRACTOR-SEMITRAILER COLLISION MULTIPLE VEHICLES AUG 76	02112-013
MINI MOTOR HOME/CAR ACCIDENT MCALESTER, OK 14 JUL 77	02115-014
TRUCK ACCIDENT, PENETRATED BRIDGE RAIL RELEASED MM 66	02116-010
TANKTRUCK RAIL CROSSING ACCIDENT SEE DE2118 10 MAR 75	02119-001
TRUCK RAIL CROSSING ACCIDENT SEE DB 2203 27 JAN 76	02204-001

(IMPACT)

.....SHUCK.....INPUT.....TRANSPORTATION.....RAILROAD.....

SEVERITIES TRAN ACCIDENT VOL & TRAIN SEE A1636	A1906-001
SEVERITIES RAIL ACCIDENTS LARGE PACKAGES SEE DB A2130	A2131-001
COLLISIONS, RAIL, HEAD ON AND REAR END	01065-000
RAIL ACCIDENT, TANK CAR RUPTURE, FIRE	01075-036
TRANSPORT ACCIDENTS OF RAM 1948-1965 SEE EDB 1609	01700-011
RAIL ACCIDENT, COTULLA, TEXAS - 12/1/73	01701-001
RAIL ACCIDENT, INDIO, CALIFORNIA - 6/25/70	01702-001
RAIL ACCIDENT, SALEM, ILLINOIS - 6/10/71	01703-002
RAIL ACCIDENT, MAGUIN, ILLINOIS - 5/24/72	01704-001
RAIL ACCIDENT, TAFT, LOUISIANA - 2/21/73	01705-006
RAIL ACCIDENT, EAST ST LOUIS, ILLINOIS - 1/22/72	01706-003
RAIL ACCIDENT, CRETE, NEBRASKA - 2/18/69	01707-003
RAIL ACCIDENT, HOUSTON, TEXAS - 10/19/71	01708-010
RAIL ACCIDENT, HERRON, PENNSYLVANIA - 3/12/72	01709-003
RAIL/ROAD VEHICLE ACCIDENT, OKLAHOMA - 4/5/71	01710-002
RAIL/ROAD VEHICLE ACCIDENT, NEW YORK - 3/24/72-SEE 1712	01713-001
RAIL/ROAD VEHICLE ACCIDENT, ILLINOIS - 1/24/70	01714-002
RAIL-HIGHWAY GRADE CROSSING ACCIDENTS, 1972	01775-002
RAIL-HIGHWAY GRADE CROSSING ACCIDENTS, 1973	01777-002
RAIL ACCIDENT, ONEONTA, NY 12 FEB, 1974	01890-012
RAIL ACCIDENT, MUSTANG, OK, 1 SEPT, 1974	01892-010
RAIL ACCIDENT, HEAD-ON, EL MONTE, CA 2 APR 1973	01925-004
RAIL ACCIDENT, HEAD-ON, LUFKIN, TEXAS 18 NOV 1973	01926-003
RAIL ACCIDENT, HEAD-ON, COEDEN, ILLINOIS 2 DEC 1973	01927-003
RAIL ACCIDENT, HEAD-ON, FLAINVIEW, TEXAS 15 DEC 1973	01928-003
RAIL ACCIDENT, HEAD-ON, ST LOUIS, MISSOURI 22 JUN 1974	01929-004
RAIL ACCIDENT, HEAD-ON, MEMPHIS, TEN 24 JAN 1975	01930-003
RAIL ACCIDENT, SIDE-ON, EARLS, TEXAS 29 NOV 1974	01931-003
RAIL ACCIDENT, OPEN SWITCH, WINDHAM, OHIO 22 NOV 1973	01932-002
RAIL ACCIDENT, RAKING, LAKE JUNCTION, NJ 17 JUN 1974	01933-004
RAIL ACCIDENT, REAR END, HURRICANE, ALASKA 5 JUL 1975	01945-012
RAIL ACCIDENT, REAR END, LEETONIA, OHIO 6 JUN 1975	01946-014
RAIL ACCIDENT, REAR END, DUPO, ILLINOIS 3 JAN 1975	01947-004
RAIL ACCIDENT, GRADE CROSSING, DEL MAR, CA 27 FEB 1974	01948-003
RAIL ACCIDENT, BROKEN RAIL, THOMPSONTOWN, PA DEC 1974	01949-002
RAIL ACCIDENT, GRADE CROSSING, TRACY, CA 9 MAR 1975	01950-015
RAIL ACCIDENT, GRADE CROSSING, ELWOOD, IL 19 NOV 1975	01951-012
RAIL ACCIDENT, UNPROTECTED GRADE CROSSING 7 FEB 1976	02010-006
RAIL ACCIDENT, DERAILMENT JACRATT VA 5 MAY 1976	02011-013
RAIL ACCIDENT, HEAD-ON 2 TRAINS PETTISVILLE OH	02012-006
AUTOMATED WHEEL-ON-THE-GROUND DERAILMENT DETECTION SYS	02017-000

(IMPACT)SHOCK.....INPUT.....TRANSPORTATION.....RAILROAD.....

BIRMINGHAM DERAILMENT, TRACK GAGE WIDENS	16 JAN 1977	02023-002
RAIL CROSSING ACCIDENT WITH TANK TRUCK	SEE ED02026	02029-001
CAR/TRAIN-FRONT TO SIDE IMPACT UNPROTECTED CROSSING		02032-005
SCHOOL BUS-TRAIN COLLISION STRATTON, NE	8 AUG 1976	02034-006
RAIL ACCIDENT, GRADE CROSSING, DES MOINES, IOWA		02035-011
RAIL ACCIDENT, GRADE CROSSING, MARLAND, OK	15 DEC 76	02095-008
RAIL CROSSING ACCIDENT WITH SCHOOL BUS LAFAYETTE, OR		02098-009
TRAIN ACCIDENT, RAIL FAILURE, RELEASED ANHYDROUS AMMON		02109-012
TRAIN DERAILMENT, FIRES AND EXPLOSION, BELT, MONTANA		02110-010
RAIL CROSSING ACCIDENT W/TANKTRUCK THAYEN, MS	10 MAR 7	02118-004
TRAIN ACCIDENT, COLLISION W/RAIL MAIN, AZ	10 MAR 75	02120-005
RAIL ACCIDENT, REAR-END BLACK ROCK, NY	15 JUN 75	02121-004
RAIL ACCIDENT, REAR-END NEW YORK CITY, NY	29 JUL 75	02122-004
RAIL DERAILMENT, FIRE, EXPLOSION FERTILE, MN	22 OCT 75	02123-005
RAIL ACCIDENT, HEAD-ON COAHOMA, MS	23 NOV 75	02124-003
RAIL ACCIDENT, HEAD-ON, 2 TRAINS, NEW HAVEN IN	OCT 76	02142-010
RAIL ACCIDENT, DERAILMENT GOODMAN MS AMTRAK	30 JUN 76	02143-010
RAIL ACCIDENT, REAR-END BROOKLYN JUNCTION WV	27 JAN 76	02194-004
RAIL ACCIDENT, REAR-END SANEORN NY	27 JAN 76	02195-005
RAIL ACCIDENT, DERAILMENT WARD AR	3 FEB 76	02196-006
RAIL ACCIDENT, REAR-END TRACK CAR DINGLL ID	1 MAR 76	02197-005
RAIL ACCIDENT, REAR-END BLAIRSVILLE PA	7 APR 76	02199-004
RAIL ACCIDENT, AMTRAK DERAILMENT CHICAGO IL	18 OCT 76	02202-004
RAIL ACCIDENT, GRADE CROSSING GULDEN MS	27 JAN 76	02203-006

(IMPACT)SHOCK.....INPUT.....TRANSPORTATION.....SHIP.....

IMPACT, PENETRATION, SHIP COLLISION AND GROUNDING		01550-001
COLLISION - TUG/BARGE WITH BRIDGE		01725-001
SS BAUNL COLLIDED W/TANKSHIP SS KEYTRADER	13 JAN 74	02126-001

(IMPACT)SHOCK.....INPUT.....TRANSPORTATION.....OTHER.....

SEVERITIES OF TRANSPORTATION ACCIDENTS VOL 1 SUMMARY		A1630-006
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(IMPACT)SHOCK.....RESPONSE.....HANDLING.....OTHER.....

MAXIMUM DRUMS, PACKAGES IN TRANSIT		01608-004
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(IMPACT)SHOCK.....RESPONSE.....TRANSPORTATION.....AIRCRAFT.....

SHOCK SPECTRA, STAGED A/C CRASH TESTS		01669-016
SURVEY OF A/C CRASH SURVIVABILITY, CARGO AT A/C CG		01671-004
A/C CRASH, 6707, BOSTON, 3 NOV 1975		01843-023
FULL SCALE CRASH TEST OF A CH-47C HELICOPTER		02024-040

(IMPACT)

.....SHOCK.....RESPONSE.....TRANSPORTATION.....AUTOMOBILE.....

CARGO RESPONSE TRUCK AND RAIL ACCIDENTS	01608-002
TRANSPORT ACCIDENTS OF RAM 1942 TO 1945-UNITED KINGDOM	01609-011
TRUCK ACCIDENT-FLORIDA-2/2/71	01675-004
TRUCK ACCIDENTS, NHTSA, FINAL REPORT	01675-019
TRUCK ACCIDENTS, NHTSA, VOLC, NO.4	01676-003
TRUCK ACCIDENTS, NHTSA, VOLC, NO.5	01677-004
TRUCK ACCIDENTS, NHTSA, VOLC, NO.6	01678-006
TRUCK ACCIDENTS, NHTSA, VOLC, NO.7	01679-006
TRUCK ACCIDENTS, NHTSA, VOLC, NO.8	01680-011
TRUCK ACCIDENTS, NHTSA, VOLC, NO.9	01801-014
ACCIDENTS, CANADA, RAM CONTAINERS	01688-013
AUTO COLLISION W/AND COLLAPSE OF BRIDGE, SILOAM, NC	01952-014
TRUCK ACCIDENT, EXPLOSION/FIRE, EAGLE PASS, TEXAS	01953-011
SCHOOLBUS/AUTO COLLISION/ROLLOVER, ASHLAND, OREGON	01954-017
COLLISION OF TRUCK AND BUS, NEAR HAMILTON, GA JUN 1975	01955-009
COLLISION OF WINNEBAGO MOTOR HOME W/BRIDGE 1 JUL 1975	01956-015
COLLISION OF TRUCK AND CAR, LOVINGTON, NM 3 JAN 1976	01957-006
CAR COLLISION, FRONT-TO-FRONT IMPACT TEST AT 60 MPH	01958-002
GASOLINE TRUCK ACCIDENT, SEATTLE, WA 4 DEC 1975	01966-001
TRACTOR TRAILER/CAR/SCHOOL BUS, REAR END, ROLLOVER	01967-005
CAR BUS ACCIDENT, OVERLAND PARK, KANSAS 7 OCT 1975	01968-005
STATION WAGON/TRAIN ACCIDENT, BALTIMORE, MD DEC 1975	01969-006
TRACTOR TRAILER, REAR END AND ROLLOVER NY 1 JUL 1975	01970-005
TRUCK ACCIDENT, TIRE BLEW OUT, IMPACT, NY 21 JUN 1975	01971-005
STATION WAGON/SCHOOL BUS, HEAD ON, HAMBURG, NY SEP 1975	01972-005
TRUCK/SCHOOL BUS/TRAIN ACCIDENT, ARKANSAS 11 SEP 1975	01973-005
TRACTOR TRAILER, FRONT TO SIDE IMPACT FEB 1975	01974-006
TRUCK CAR ACCIDENT INTERSECTION, BALTIMORE, MD FEB 1975	01975-006
CAR/POLE/TRAIN SIDESWIFE IMPACT, LOS ANGELES 25 SEP 1975	01976-004
TRUCK CAR ACCIDENT, REAR END, SAN DIEGO FREEWAY JAN 1976	01977-005
TRUCK ACCIDENT, COLLISION LEFT ROADWAY WASHINGTON DC	02007-007
TRUCK/VAN JTO ACCIDENT LEXINGTON VA 20 AUG 1976	02013-007
TRUCK, FRONT CORNER IMPACT, CONCORD, NY 27 NOV 1973	02030-006
CAR/TRACTOR-TRAILER UNDERWIDE COLLISION 13 DEC 1974	02033-004
TRUCK CAR ACCIDENT PACIFIC COAST HIGHWAY 17 JUN 1975	02039-004
WHITE FREIGHTLINER ACCIDENT VENTURA FREEWAY JUN 1975	02040-004
TRUCK TRAILER ROLLOVER, POOR BRAKES, VERN., CA JUN 1975	02041-004
TANKTRUCK ACCIDENT, HELIUM FUEL LEAKAGE JUL 1975	02043-004
JACKKNIFING TRAILER FORCED TRACTOR INTO BRIDGE JUL 1975	02044-004
TRUCK TRAILER ACCIDENT, CARGO SHIFT, ROLLOVER AUG 1975	02045-004
CAR/TRAIN, GRADE CROSSING, DES MOINES, IOWA SEE DB 2085	02087-001
TRACTOR TRAILER COLLIDED WITH CAR BARTEN, CA 11 MAR 77	02092-007
TRACTOR/CARGO TANK TRAILER ACCIDENT, CHERRY HILL, NJ	02094-005
TANKTRUCK/RAIL GRADE CROSSING ACCIDENT SEE DB 2095	02096-001
SCHOOL BUS TRAIN GRADE CROSSING ACCIDENT SEE DB 2098	02097-001
TRACTOR-SEMITRAILER COLLISION MULTIPLE VEHICLES AUG 76	02112-013
MINI MOTOR HOME/CAR ACCIDENT McALESTER, OK 14 JUL 77	02115-014
TRUCK ACCIDENT, PENETRATED BRIDGE RAIL RELEASED NM CG	02116-010
TANKTRUCK RAIL CROSSING ACCIDENT SEE DB2118 10 MAR 75	02119-001

(IMPACT)SHOCK.....RESPONSE.....TRANSPORTATION.....AUTOMOBILE.....
 TRUCK RAIL CROSSING ACCIDENT SEE DE 2203 27 JAN 76 G2204-C01

(IMPACT)SHOCK.....RESPONSE.....TRANSPORTATION.....RAILROAD.....
 CARGO RESPONSE TRUCK AND RAIL ACCIDENTS SEE ED010Ec G1049-G02
 RAIL ACCIDENT, ONEONTA, NY 12 FEB 1974 01870-012
 RAIL ACCIDENT, MUSTANG, OK, 1 SEPT, 1974 01892-010
 RAIL ACCIDENT, HEAD-IN, EL MONTE, CA 2 APR 1973 01925-004
 RAIL ACCIDENT, HEAD-ON, LUFKIN, TEXAS 16 NOV 1973 01926-003
 RAIL ACCIDENT, HEAD-ON, COBDEN, ILLINOIS 2 DEC 1973 01927-003
 RAIL ACCIDENT, HEAD-ON, PLAINVIEW, TEXAS 15 DEC 1973 01928-003
 RAIL ACCIDENT, HEAD-ON, ST LOUIS, MISSOURI 22 JUN 1974 01929-004
 RAIL ACCIDENT, HEAD-ON, MEMPHIS, TEN 24 JAN 1975 01930-003
 RAIL ACCIDENT, SIDE-ON, EARLS, TEXAS 29 NOV 1974 01931-003
 RAIL ACCIDENT, OPEN SWITCH, WINDHAM, OHIO 22 NOV 1973 01932-002
 RAIL ACCIDENT, RAKING, LAKE JUNCTION, NJ 17 JUN 1974 01933-004
 RAIL ACCIDENT, REAR END, HURRICANE, ALASKA 5 JUL 1975 01945-012
 RAIL ACCIDENT, REAR END, LEETONIA, OHIO 6 JUN 1975 01946-014
 RAIL ACCIDENT, REAR END, DUPO, ILLINOIS 3 JAN 1975 01947-004
 RAIL ACCIDENT, GRADE CROSSING, DEL MAR, CA 27 FEB 1974 01948-003
 RAIL ACCIDENT, BROKEN RAIL, THOMPSONTOWN, PA DEC 1974 01949-002
 RAIL ACCIDENT, GRADE CROSSING, TRACY, CA 9 MAR 1975 01950-015
 RAIL ACCIDENT, GRADE CROSSING, ELWOOD, IL 19 NOV 1975 01951-012
 RAIL ACCIDENT, UNPROTECTED GRADE CROSSING 7 FEB 1976 G2010-006
 RAIL ACCIDENT, DERAILMENT JARRATT VA 5 MAY 1976 G2011-013
 RAIL ACCIDENT, HEAD-ON 2 TRAINS PETTISVILLE OH G2012-008
 AUTOMATIC WHEEL-ON-THE-GROUND DERAILMENT DETECTION SYS 02017-006
 BIRMINGHAM DERAILMENT, TRACK GAGE WIDENS 16 JAN 1977 02023-002
 RAIL CROSSING ACCIDENT WITH TANK TRUCK SEE ED02020 02029-001
 CAR/TRAIN-FRONT TO SIDE IMPACT UNPROTECTED CROSSING 02032-005
 SCHOOL BUS-TRAIN COLLISION STRATTON, NE 8 AUG 1976 02034-006
 RAIL ACCIDENT, GRADE CROSSING, DES MOINES, IOWA 02045-011
 RAIL ACCIDENT, GRADE CROSSING, MARLAND, OK 15 DEC 76 02095-008
 RAIL CROSSING ACCIDENT WITH SCHOOL BUS LAFAYETTE, OR 02098-009
 TRAIN ACCIDENT, RAIL FAILURE, RELEASED ANHYDROUS AMMON 02109-012
 TRAIN DERAILMENT, FIRES AND EXPLOSION, BELT, MONTANA 02110-010
 RAIL CROSSING ACCIDENT W/TANK TRUCK THAYER, MS 10 MAR 7 02118-004
 TRAIN ACCIDENT, COLLISION W/RAIL MAIN, AL 10 MAR 75 02120-005
 RAIL ACCIDENT, REAR-END BLACK ROCK, NY 15 JUN 75 02121-004
 RAIL ACCIDENT, REAR-END NEW YORK CITY, NY 19 JUL 75 02122-005
 RAIL DERAILMENT, FIRE EXPLOSION FERTILE, MN 22 OCT 75 02123-005
 RAIL ACCIDENT, HEAD-ON LOUISIANA, MS 23 NOV 75 02124-003
 RAIL ACCIDENT, HEAD-ON, 2 TRAINS, NEW HAVEN IN OCT 76 02142-010
 RAIL ACCIDENT, DERAILMENT GOODMAN MS AMTRAK 30 JUN 76 02143-010
 RAIL ACCIDENT, REAR-END BROOKLYN JUNCTION WV 27 JAN 76 02144-004
 RAIL ACCIDENT, REAR-END SANEONH NY 27 JAN 76 02145-005
 RAIL ACCIDENT, DERAILMENT WARD AR 3 FEB 76 02146-006
 RAIL ACCIDENT, REAR-END TRACK CAR DINGLE ID 1 MAR 76 02147-005
 RAIL ACCIDENT, REAR-END BLAIRSVILLE PA 7 APR 76 02149-004

(IMPACT)SHOCK.....RESPONSE.....TRANSPORTATION.....RAILROAD.....

RAIL ACCIDENT, AMTRAK DERAILMENT CHICAGO IL 12 OCT 70 02262-004
RAIL ACCIDENT, GRADE CROSSING GULDEN MS 27 JAN 70 02263-006

(IMPACT)SHOCK.....RESPONSE.....TRANSPORTATION.....SHIP.....

SS BAUNE COLLIDED W/TANKSHIP SS KEYTRADER 18 JAN 74 02126-001

.....TEMPERATURE.....INPUT.....GENERAL.....OTHER.....

TYPHOON REPORT - PACIFIC OCEAN - 1959 01802-003
TYPHOON REPORT - PACIFIC OCEAN - 1960 01803-003
TYPHOON REPORT - PACIFIC OCEAN - 1961 01804-003
TYPHOON REPORT - PACIFIC OCEAN - 1962 01805-004
TYPHOON REPORT - PACIFIC OCEAN - 1963 01806-003
TYPHOON REPORT - PACIFIC OCEAN - 1965 01807-003

.....TEMPERATURE.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

CRASH RESISTANT FLAMMABLE FLUIDS SYSTEM UH-1A COPTER 02001-003

(FIRE)TEMPERATURE.....INPUT.....GENERAL.....AIRCRAFT.....

AIRCRAFT ACCIDENTS INVOLVING FIRES 1963-1974 ANALYSIS 01940-002
AIRCRAFT ACCIDENTS INVOLVING FIRES 1965-1974 SPECIAL 02135-031

(FIRE)TEMPERATURE.....INPUT.....GENERAL.....RAILROAD.....

FREIGHT TRAIN ACCIDENTS, NUMBER OF CARS INVOLVED 01729-007

(FIRE)TEMPERATURE.....INPUT.....GENERAL.....OTHER.....

FIRES, LIQUID HYDROCARBON FUEL, HEAT TRANSFER IN 00517-011
BURNING CONDITIONS OF PETROLEUM LIQUIDS 00518-001
FIRE EXPOSURE TESTS POLYETHYLENE/55 GAL STEEL DRUMS 02190-145

(FIRE)TEMPERATURE.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

SEVERITIES TRAN ACCIDENT VOL 2 CARGO AIRCRAFT SEE 1630 A1662-001
CIVIL AVIATION ACCIDENT DATA - 1962 TO 1972 01664-009
FIRE INFORMATION AIRCRAFT ACCIDENTS 01674-002
A/C ACCIDENT MARTIN 404 OCT 1970 01677-003
A/C ACCIDENT CONVAIR 580 DEC 1960 01678-003
A/C ACCIDENT DOUGLAS C540 APRIL 1970 01680-003
A/C ACCIDENT 747 12 SEPT 1970 01685-003
A/C ACCIDENT DL8 C3F SEPT 1970 01686-003
AIRCRAFT ACCIDENT - BOEING 707 - 1/16/74 01600-001
AIRCRAFT ACCIDENT - DC 8 - 6/20/73 01621-001
A/C CRASH, B707, BOSTON, 3 NOV 1973 01643-023
AIRCRAFT ACCIDENT, BOEING 727-225 24 JUN 75 02152-059
AIRCRAFT ACCIDENT, CONVAIR 440-290 (CV-340) 09 JAN 75 02153-031

(FIRE)

.....TEMPERATURE.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

AIRCRAFT ACCIDENT, DC-8 63F	2 SEP 70	02109-030
AIRCRAFT ACCIDENT, DC-8 63F	27 NOV 70	02100-040
AIRCRAFT ACCIDENT, DC-9 31	11 SEP 74	02101-040
FIRE SAFETY EVALUATION OF AIRCRAFT CARGO COMPARTMENT		02106-050

(FIRE)

.....TEMPERATURE.....INPUT.....TRANSPORTATION.....AUTOMOBILE.....

SEVERITIES TRAM ACCIDENT VOL 3 MOTOR CARRIER SEE A1030	A1003-001
SEVERITIES TRAM ACCIDENTS INVOLVING LARGE PACKAGES	A2130-020
FIRE TEMPERATURES-TRUCK	00520-001
ACCIDENT REPORT, TRUCK - VENTURA, CALIFORNIA, 8-10-71	01059-003
TRUCK ACCIDENT-VIRGINIA 4/13/72	01092-003
TRUCK ACCIDENT-PENN-9/5/71	01043-003
TRUCK ACCIDENT-TEXAS-5/13/72	01047-002
TRUCK ACCIDENT REPORTS, NHTSA, NO. 2	01754-004
HYDROGEN TRANSPORT AND HANDLING EXPLOSION	01756-001
TRUCK ACCIDENT - VIRGINIA - 4/13/72	01706-002
TRUCK ACCIDENT - TEXAS - 3/7/73	01705-002
TRUCK ACCIDENT - MASSACHUSETTS - 10/10/73	01708-002
ACCIDENTS, CANADA, RAIL CONTAINERS	01808-013
CAR ACCIDENT, NHTSA, VOL. 6, NO. 11	01848-005
TRUCK ACCIDENT, EXPLOSION/FIRE, EAGLE PASS, TEXAS	01953-011
COLLISION OF WINNEBAGO MOTOR HOME w/BRIDGE 1 JUL 1975	01956-015
TRUCK FIRE-ACCIDENT DATA - 1969	01960-009
TRUCK FIRE-ACCIDENT DATA - 1971	01961-011
TRUCK CAR ACCIDENT, BALTIMORE, MD, ON INTERSTATE	01964-006
GASOLINE TRUCK ACCIDENT, SEATTLE, WA 4 DEC 1975	01966-001
TRUCK ACCIDENT, TRI-STATE RIG, WILA BEND AZ	02006-006
MOTOR HOME TOWING PASSENGER CAR, FIRE, RURAL FEB 1975	02035-004
MOTOR HOME, MAN-OFF ROADWAY, IMPACT, FIRE, EXPLOSION 1975	02037-006
TRACTOR-TRAILER/CAR SIDESWIPED RURAL KY AUG 1973	02038-005
TRUCK CAR ACCIDENT, LANE CHANGE, LOS ANGELES JUN 1975	02042-004
TRUCK ACCIDENT, PROPANE, OVERTURN AND FIRE 9 MAR 1972	02078-014
TRACTOR/CARGO TANK TRAILER ACCIDENT, CHERRY HILL, NJ	02094-005
TANKTRUCK/RAIL GRADE CROSSING ACCIDENT SEE DB 2055	02096-001
TRACTOR-SEMITRAILER COLLISION MULTIPLE VEHICLES AUG 76	02112-013
TANKTRUCK RAIL CROSSING ACCIDENT SEE DB2178 10 MAR 75	02119-001
TRUCK ACCIDENT, GASOLINE FIRE, BEATTYVILLE KY 09/24/77	02108-014
RISK ASSESSMENT OF TRANSPORT OF LPG	02177-091

(FIRE)

.....TEMPERATURE.....INPUT.....TRANSPORTATION.....RAILROAD.....

SEVERITIES TRAM ACCIDENT VOL 4 TRAIN SEE A1030	A1900-001
SEVERITIES RAIL ACCIDENTS LARGE PACKAGES SEE DB A2130	A2131-001
FIRE TEMPERATURES-RAIL	00519-001
RAIL ACCIDENT TANK CAR RUPTURE, FIRE	01075-030
TRANSPORT ACCIDENTS OF RAIL 1960-1965 SEE DB 1009	01700-011
RAIL ACCIDENT, COTULLA, TEXAS - 12/1/73	01701-001
RAIL ACCIDENT, INDIAN, CALIFORNIA - 0/25/73	01702-001

(FIRE)TEMPERATURE.....INPUT.....TRANSPORTATION.....RAILROAD.....

RAIL ACCIDENT, SALEM, ILLINOIS - 6/10/71	01703-002
RAIL ACCIDENT, PAQUIN, ILLINOIS - 5/24/72	01704-001
RAIL ACCIDENT, TAFT, LOUISIANA - 2/27/73	01705-006
RAIL ACCIDENT, EAST 57 LOUIS, ILLINOIS - 7/22/74	01706-003
RAIL ACCIDENT, HOUSTON, TEXAS - 10/19/71	01708-010
RAIL ACCIDENT, HERNDON, PENNSYLVANIA - 3/12/72	01709-003
RAIL ACCIDENT, DECATUR, ILL 19 JULY, 1974	01889-012
RAIL ACCIDENT, ONEUNTA, NY 12 FEB, 1974	01890-012
RAIL ACCIDENT, BENSON, AR 24 MAY, 1973	01891-010
RAIL ACCIDENT, MUSTANG, OK, 1 SEPT, 1974	01892-010
TRAIN DERAILMENT CARRYING 2 CONTAINERS OF RAM	02049-002
RAIL ACCIDENT, GRADE CROSSING, MARLAND, OK 15 DEC 76	02095-008
TRAIN DERAILMENT, FIRES AND EXPLOSION, BELT, MONTANA	02110-010
RAIL CROSSING ACCIDENT W/TANKTRUCK THAYER, MS 10 MAR 7	02118-004
RAIL DERAILMENT, FIRE, EXPLOSION FERTILE, MN 22 OCT 75	02123-005
RAIL ACCIDENT, DERAILMENT GULDORNA LA 28 DEC 77	02147-014
RAIL ACCIDENT, DERAILMENT/FIRE CALVERT TX 30 MAR 76	02198-005
RAIL ACCIDENT, DERAILMENT CLIFFORD MI 16 OCT 76	02201-003

(FIRE)TEMPERATURE.....INPUT.....TRANSPORTATION.....SHIP.....

FIRE TEMPERATURES-SHIP	00521-001
TANKSHIP ACCIDENT, PENETRATION/GAS FIRE IN CARGO TANKS	02048-001
SS BAUME COLLIDED W/TANKSHIP SS KEYTRADER 16 JAN 74	02126-001
EXPLOSION FIRE ENGULFED THE PIT ELIAS, UNLOADING APR 74	02127-003
RISK ASSESSMENT OF TRANSPORT OF LNG SEE EDB 2177	02178-001

(FIRE)TEMPERATURE.....INPUT.....TRANSPORTATION.....OTHER.....

SEVERITIES OF TRANSPORTATION ACCIDENTS VOL 1 SUMMARY	A1630-006
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(FIRE)TEMPERATURE.....RESPONSE.....TRANSPORTATION.....AIRCRAFT.....

A/C CRASH, B707, BOSTON, 3 NOV 1973	01843-023
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(FIRE)TEMPERATURE.....RESPONSE.....TRANSPORTATION.....AUTOMOBILE.....

CARGO RESPONSE TRUCK AND RAIL ACCIDENTS	01888-002
TRANSPORT ACCIDENTS OF RAM 1948 TO 1965-UNITED KINGDOM	01889-011
ACCIDENTS, CANADA, RAM CONTAINERS	01888-013
CAR ACCIDENT: NHTSA, VOL. 6, NO. 11	01898-005
TRUCK ACCIDENT, EXPLOSION/FIRE, EAGLE PASS, TEXAS	01953-011
COLLISION OF WINNEBAGO MOTOR HOME W/BRIDGE 1 JUL 1975	01956-015
TRUCK CAR ACCIDENT, BALTIMORE, MD, ON INTERSTATE	01964-006
GASOLINE TRUCK ACCIDENT, SEATTLE, WA 4 DEC 1975	01966-001
TRUCK ACCIDENT, TRI-STATE RIG, GILA BEND AZ	02006-006
MOTOR HOME TOWING PASSENGER CAR, FIRE, RURAL FEB 1975	02035-004
MOTOR HOME, RAN-OFF ROADWAY, IMPACT, FIRE, EXPLOSION 1975	02037-006
TRACTOR-TRAILER/CAR SIDESWIPED HUKAL KY AUG 1973	02038-005

(FIRE)TEMPERATURE.....RESPONSE.....TRANSPORTATION.....AUTOMOBILE.....

TRUCK CAR ACCIDENT, LANE CHANGE, LOS ANGELES JUN 1975 C2042-004
TRUCK ACCIDENT, PROPANE, OVERTURN AND FIRE 9 MAR 1972 C2076-014
TRACTOR/CARGO TANK TRAILER ACCIDENT, CHEMAY HILL, NJ C2074-005
TANKTRUCK/RAIL GRADE CROSSING ACCIDENT SEE DB 2095 Q2076-001
TRACTOR-SEMITRAILER COLLISION MULTIPLE VEHICLES AUG 70 C2112-013
TANKTRUCK RAIL CROSSING ACCIDENT SEE DB2110 10 MAR 75 C2119-001
TRUCK ACCIDENT, GASOLINE FIRE, DEATTVILLE KY 09/24/77 C2108-014

(FIRE)TEMPERATURE.....RESPONSE.....TRANSPORTATION.....RAILROAD.....

CARGO RESPONSE TRUCK AND RAIL ACCIDENTS SEE ED01080 C1649-002
RAIL ACCIDENT, DECATUR, ILL 19 JULY, 1974 Q1009-012
RAIL ACCIDENT, CHEMONTA, NY 12 FEB, 1974 Q1840-012
RAIL ACCIDENT, WENSON, OH 24 MAY, 1973 Q1091-016
RAIL ACCIDENT, MUSTANG, OK, 1 SEPT, 1974 Q1842-010
TRAIN DERAILMENT CARRYING 2 CONTAINERS OF RAM C2049-002
RAIL ACCIDENT, GRADE CROSSING, MARLAND, OK 15 DEC 76 C2095-006
TRAIN DERAILMENT, FIRES AND EXPLOSION, BELT, MONTANA C2110-010
RAIL CROSSING ACCIDENT W/TANKTRUCK THAYER, MS 10 MAR 7 C2118-004
RAIL DERAILMENT, FIRE, EXPLOSION FERTILE, MN 22 OCT 75 Q2123-005
RAIL ACCIDENT, DERAILMENT GOLDONNA LA 20 DEC 77 Q2147-014
RAIL ACCIDENT, DERAILMENT/FIRE CALVERT TX 30 MAR 76 C2198-005
RAIL ACCIDENT, DERAILMENT CLIFFORD MI 10 OCT 76 Q2201-003

(FIRE)TEMPERATURE.....RESPONSE.....TRANSPORTATION.....SHIP.....

TANSHIP ACCIDENT, PENETRATION/GAS FIRE IN CARGO TANKS Q2048-001
SS MAUNE COLLIDED W/TANKSHIP SS KEYTRADER 10 JAN 74 Q2126-001
EXPLOSION FIRE ENGULFED THE M/T ELIAS, UNLOADING APR 74 Q2127-003

.....VIBRATION.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

AIRCRAFT ACCIDENT, OH-114 11 JUL 75 Q2103-032

.....WIND.....INPUT.....GENERAL.....OTHER.....

TROPICAL CYCLONES Q1556-002

.....WIND.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

HELICOPTER DOWNWASH DATA Q1720-001

(STORM)WIND.....INPUT.....GENERAL.....OTHER.....

TORNADOS, FREQUENCY AND LOCATION - UNITED STATES Q1541-011
WIND AND WAVE HEIGHTS - TROPICAL STORMS Q1030-002
TYPHOON REPORT - PACIFIC OCEAN - 1959 Q1062-003
TYPHOON REPORT - PACIFIC OCEAN - 1960 Q1063-003
TYPHOON REPORT - PACIFIC OCEAN - 1961 Q1004-003
TYPHOON REPORT - PACIFIC OCEAN - 1962 Q1005-004
TYPHOON REPORT - PACIFIC OCEAN - 1963 Q1006-003

(STORM)

.....WIND.....INPUT.....GENERAL.....OTHER.....

TYPHOON REPORT - PACIFIC OCEAN - 1965	01807-003
TYPHOON REPORT - PACIFIC OCEAN - 1966	01808-003
TYPHOON REPORT - PACIFIC OCEAN - 1967	01809-003
TYPHOON REPORT - PACIFIC OCEAN - 1968	01810-004
TYPHOON REPORT - PACIFIC OCEAN - 1969	01811-002
TYPHOON REPORT - PACIFIC OCEAN - 1970	01812-003
TYPHOON REPORT - PACIFIC OCEAN - 1974	01813-003

(STORM)

.....WIND.....INPUT.....TRANSPORTATION.....AIRCRAFT.....

AIRCRAFT ACCIDENT, BOEING 727-224	7 AUG 75	02155-047
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