

**NHTSA
BIOMECHANICS DATABASE
REPORT
TEST# 3743**

U.S. DEPARTMENT OF TRANSPORTATION
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
CRASH AUTOMOBILE RESEARCH SYSTEM
DYNAMIC CRASH FILE CATALOG

SELECTION CRITERION
BIODB

VERSION 4 DATA

TABLE OF CONTENTS

<i>REFERENCE NUMBER</i>	<i>CONTRACT NUMBER</i>	<i>TEST PERFORMER</i>	<i>TEST TITLE</i>
<u>3743</u>		<u>VEHICLE RES. TEST CTR</u>	<u>860396</u>

**TEST INFORMATION
FOR TEST 3743**

Test Title: 860396

Test Date: 21-JAN-98 **Entry Date:** 11-SEP-98

Test Number: 3743 **Contract Number:**

Test Performer: VEHICLE RES. TEST CTR. **Test Reference Number:** 03960105

Test Configuration: OTHER

Test Objectives: File created from DSP files.

Closing Speed: 0 **Impact Angle:** 0

Recorder Type: OTHER **Data Link To Recorder:** OTHER

Ambient Temperature: 999999

Total Curves: 22

Test Comments:

DUMMY OCCUPANT INFORMATION FOR TEST 3743

Test Number: 3743

Occupant Location: RIGHT FRONT SEAT

Occupant Type: HYBRID III DUMMY

Occupant Sex: NOT APPLICABLE

Seat Position:

Head Injury Criterion:

Lower Boundary of HIC Time Interval:

Upper Boundary of HIC Time Interval:

Thorax Region Peak Acceleration:

Left Femur Peak Load:

Right Femur Peak Load:

Chest Severity Index:

Lap Belt Peak Load:

Shoulder Belt Peak Load:

Thoracic Trauma Index:

Pelvic G's:

Method of Calibration:

Dummy Size Percentile: 6 YEAR OLD CHILD

Dummy Manufacturer and Serial#:

Dummy Modification:

Dummy Description:

Occupant Commentary: 96 EXPLORER, POS.1 -4" BACK

RESTRAINT INFORMATION
FOR TEST 3743

Restraint Number: 1

Restraint Type: AIR BAG

Restraint Mount Position: DASH PANEL -
UNSPECI

Restraint Deployment: DEPLOYED PROPERLY

Restraint Comments:

INSTRUMENTATION INFORMATION

FOR TEST 3743

<i>Curve Number</i>	<i>Sensor Type</i>	<i>Sensor Location</i>	<i>Sensor Attachment</i>	<i>Units</i>	<i>Axis</i>	<i>Instrumentation Comments</i>
<u>1</u>	<u>EVENT TIME INDICATOR</u>		<u>EVENT TIMES</u>	<u>VOL</u>	<u>NA</u>	
<u>2</u>	<u>ACCELEROMETER</u>		<u>HEAD CG</u>	<u>G'S</u>	<u>XL</u>	
<u>3</u>	<u>ACCELEROMETER</u>		<u>HEAD CG</u>	<u>G'S</u>	<u>YL</u>	
<u>4</u>	<u>ACCELEROMETER</u>		<u>HEAD CG</u>	<u>G'S</u>	<u>ZL</u>	
<u>5</u>	<u>LOAD CELL</u>		<u>FEMUR - LEFT</u>	<u>NWT</u>	<u>ZL</u>	
<u>6</u>	<u>LOAD CELL</u>		<u>FEMUR - RIGHT</u>	<u>NWT</u>	<u>ZL</u>	
<u>7</u>	<u>ACCELEROMETER</u>		<u>CHEST</u>	<u>G'S</u>	<u>XL</u>	
<u>8</u>	<u>ACCELEROMETER</u>		<u>CHEST</u>	<u>G'S</u>	<u>YL</u>	
<u>9</u>	<u>ACCELEROMETER</u>		<u>CHEST</u>	<u>G'S</u>	<u>ZL</u>	
<u>10</u>	<u>ACCELEROMETER</u>		<u>OTHER SENATT</u>	<u>G'S</u>	<u>XL</u>	<u>LOWER THORACIC INSERT</u>
<u>11</u>	<u>ACCELEROMETER</u>		<u>PELVIS - CENTER</u>	<u>G'S</u>	<u>XL</u>	
<u>12</u>	<u>ACCELEROMETER</u>		<u>PELVIS - CENTER</u>	<u>G'S</u>	<u>YL</u>	
<u>13</u>	<u>ACCELEROMETER</u>		<u>PELVIS - CENTER</u>	<u>G'S</u>	<u>ZL</u>	
<u>14</u>	<u>ACCELEROMETER</u>		<u>STERNUM - UPPER</u>	<u>G'S</u>	<u>XL</u>	
<u>15</u>	<u>ACCELEROMETER</u>		<u>SPINE - UPPER</u>	<u>G'S</u>	<u>XL</u>	
<u>16</u>	<u>DISPLACEMENT TRANSDUCER</u>		<u>CHEST</u>	<u>MM</u>	<u>XL</u>	
<u>17</u>	<u>LOAD CELL</u>		<u>NECK - UPPER</u>	<u>NWT</u>	<u>XL</u>	
<u>18</u>	<u>LOAD CELL</u>		<u>NECK - UPPER</u>	<u>NWT</u>	<u>YL</u>	
<u>19</u>	<u>LOAD CELL</u>		<u>NECK - UPPER</u>	<u>NWT</u>	<u>ZL</u>	
<u>20</u>	<u>LOAD CELL</u>		<u>NECK - UPPER</u>	<u>NWM</u>	<u>XL</u>	

**INSTRUMENTATION INFORMATION
FOR TEST 3743**

<i>Curve Number</i>	<i>Sensor Type</i>	<i>Sensor Location</i>	<i>Sensor Attachment</i>	<i>Units</i>	<i>Axis</i>	<i>Instrumentation Comments</i>
<u>21</u>	<u>LOAD CELL</u>		<u>NECK - UPPER</u>	<u>NWM</u>	<u>YL</u>	
<u>22</u>	<u>LOAD CELL</u>		<u>NECK - UPPER</u>	<u>NWM</u>	<u>ZL</u>	

**END
of
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