

**NHTSA
BIOMECHANICS DATABASE
REPORT
TEST# 3766**

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

SELECTION CRITERION
BIODB

VERSION 4 DATA

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| <i>REFERENCE NUMBER</i> | <i>CONTRACT NUMBER</i> | <i>TEST PERFORMER</i> | <i>TEST TITLE</i> |
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| <u>3766</u> | | <u>VEHICLE RES. TEST CTR</u> | <u>860396</u> |

**TEST INFORMATION
FOR TEST 3766**

Test Title: 860396

Test Date: 26-FEB-98 **Entry Date:** 14-SEP-98

Test Number: 3766 **Contract Number:**

Test Performer: VEHICLE RES. TEST CTR. **Test Reference Number:** 03960124

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: 21

Test Comments:

DUMMY OCCUPANT INFORMATION FOR TEST 3766

Test Number: 3766

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: 98 EXPLORER, POS.1 -4" BACK

RESTRAINT INFORMATION
FOR TEST 3766

Restraint Number: 1

Restraint Type: AIR BAG

Restraint Mount Position: DASH PANEL -
UNSPECI

Restraint Deployment: DEPLOYED PROPERLY

Restraint Comments:

INSTRUMENTATION INFORMATION

FOR TEST 3766

| <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>ACCELEROMETER</u> | | <u>CHEST</u> | <u>G'S</u> | <u>XL</u> | |
| <u>6</u> | <u>ACCELEROMETER</u> | | <u>CHEST</u> | <u>G'S</u> | <u>YL</u> | |
| <u>7</u> | <u>ACCELEROMETER</u> | | <u>CHEST</u> | <u>G'S</u> | <u>ZL</u> | |
| <u>8</u> | <u>ACCELEROMETER</u> | | <u>OTHER SENATT</u> | <u>G'S</u> | <u>XL</u> | <u>LOWER THORACIC INSERT</u> |
| <u>9</u> | <u>ACCELEROMETER</u> | | <u>PELVIS - CENTER</u> | <u>G'S</u> | <u>XL</u> | |
| <u>10</u> | <u>ACCELEROMETER</u> | | <u>PELVIS - CENTER</u> | <u>G'S</u> | <u>YL</u> | |
| <u>11</u> | <u>ACCELEROMETER</u> | | <u>PELVIS - CENTER</u> | <u>G'S</u> | <u>ZL</u> | |
| <u>12</u> | <u>ACCELEROMETER</u> | | <u>STERNUM - UPPER</u> | <u>G'S</u> | <u>XL</u> | |
| <u>13</u> | <u>ACCELEROMETER</u> | | <u>STERNUM - LOWER</u> | <u>G'S</u> | <u>XL</u> | |
| <u>14</u> | <u>ACCELEROMETER</u> | | <u>SPINE - UPPER</u> | <u>G'S</u> | <u>XL</u> | |
| <u>15</u> | <u>DISPLACEMENT TRANSDUCER</u> | | <u>CHEST</u> | <u>MM</u> | <u>XL</u> | |
| <u>16</u> | <u>LOAD CELL</u> | | <u>NECK - UPPER</u> | <u>NWT</u> | <u>XL</u> | |
| <u>17</u> | <u>LOAD CELL</u> | | <u>NECK - UPPER</u> | <u>NWT</u> | <u>YL</u> | |
| <u>18</u> | <u>LOAD CELL</u> | | <u>NECK - UPPER</u> | <u>NWT</u> | <u>ZL</u> | |
| <u>19</u> | <u>LOAD CELL</u> | | <u>NECK - UPPER</u> | <u>NWM</u> | <u>XL</u> | |
| <u>20</u> | <u>LOAD CELL</u> | | <u>NECK - UPPER</u> | <u>NWM</u> | <u>YL</u> | |

INSTRUMENTATION INFORMATION
FOR TEST 3766

| <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>ZL</u> | |

**END
of
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