Subpart R—CRABI 12-Month-Old Infant, Alpha Version

§ 572.150 Incorporation by reference.

(a) The following materials are incorporated by reference in this subpart R.

(1) A drawings and specifications package entitled “Parts List and Drawings Subpart R, CRABI 12-Month-Old Infant Crash Test Dummy (CRABI–12, Alpha version) August 2001” and consisting of:

(i) Drawing No. 921022–001, Head Assembly, incorporated by reference in §§ 572.151, 572.152, 572.154, and 572.155;


(iv) Drawing No. 921022–060, Torso Assembly, incorporated by reference in §§ 572.151, 572.154, and 572.155;

(v) Drawing No. 921022–055, Leg Assembly, incorporated by reference in §§ 572.151, and 572.155 as part of a complete dummy assembly;

(vi) Drawing No. 921022–054, Arm Assembly, incorporated by reference in §§ 572.151, and 572.155 as part of the complete dummy assembly;


(3) SAE Recommended Practice J211/1, Rev. Mar95 “Instrumentation for Impact Tests—Part 1—Electronic Instrumentation”, incorporated by reference in § 572.155;


(b) The Director of the Federal Register approved those materials incorporated by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies of the materials may be inspected at NHTSA’s Docket Section, 400 Seventh Street S.W., room 5109, Washington, DC, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(c) The incorporated materials are available as follows:

(1) The drawings and specifications package referred to in paragraph (a)(1) of this section and the procedures manual referred to in paragraph (a)(2) of this section are available from Reprographic Technologies, 9000 Virginia Manor Road, Beltsville, MD 20705 (301) 419–5070.

(2) The SAE materials referred to paragraphs (a)(3) and (a)(4) of this section are available from the Society of Automotive Engineers, Inc., 400 Commonwealth Drive, Warrendale, PA 15096.

§ 572.151 General description.

(a) The 12-month-old-infant crash test dummy is described by drawings and specifications containing the following materials:

(1) Technical drawings and specifications package 921022–000 (refer to § 572.150(a)(1)), the titles of which are listed in Table A of this section;


(3) SAE Recommended Practice J211/1, Rev. Mar95 “Instrumentation for Impact Tests—Part 1—Electronic Instrumentation”, incorporated by reference in § 572.155;

(b) The dummy consists of the component assemblies set out in the following Table A:

<table>
<thead>
<tr>
<th>Component assembly</th>
<th>Drawing number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head Assembly</td>
<td>921022–001</td>
</tr>
<tr>
<td>Neck Assembly</td>
<td>921022–041</td>
</tr>
<tr>
<td>Torso Assembly</td>
<td>921022–060</td>
</tr>
<tr>
<td>Leg Assembly</td>
<td>921022–055 R&amp;L</td>
</tr>
<tr>
<td>Arm Assembly</td>
<td>921022–054 R&amp;L</td>
</tr>
</tbody>
</table>

(c) Adjacent segments of the dummy are joined in a manner such that, except for contacts existing under static conditions, there is no contact between metallic elements throughout the range of motion or under simulated crash impact conditions.

(d) The structural properties of the dummy are such that the dummy shall