DYNAMIC TESTING OF INNOVATIVE SOLUTIONS TO
CHILD OCCUPANT PROTECTION PROBLEMS

APPENDIX: DATA PLOTS

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XP8414 CR Installation Side Facing in Static
<A> = RIGHT LAP  Peak = 1036 LB
<B> = LEFT LAP  Peak = 919 LB
<A> = RIGHT LAP  Peak = 1315 LB
<B> = LEFT LAP    Peak = 1428 LB

BELT LOADS  820 042
<A> = RIGHT LAP    Peak = 517 LB  
<B> = LEFT LAP    Peak = 451 LB
<A> = RIGHT LAP  Peak = 1121 LB
<B> = LEFT LAP    Peak = 1040 LB

Belt Loads
<A> = RGHTE LAP
Peak = 559 LB
<BR>
<B> = LEFT LAP
Peak = 469 LB
\( <A> \) = Right Lap  Peak = 993 LB
\( <B> \) = Left Lap  Peak = 995 LB

BELT LOADS

83D 005
<A> = RIGHT LAP  Peak = 556 LBS
<B> = LEFT LAP    Peak = 839 LBS
<C> = SHOULDER   Peak = 915 LBS
<A> = RGHT LAP Peak = 638 LB
<B> = LEFT LAP Peak = 693 LB

BELT LOADS 83D 008
SLED PROFILE

Velocity - MPH

Deceleration - G

30.5 MPH
19.5 G

83D 017
<A> = RIGHT LAP  Peak = 872 LB
<B> = LEFT LAP  Peak = 1646 LB
<C> = SHOULDERS  Peak = 1431 LB

Belt Loads
<A> = CNTR TETHR Peak = 655 LB
<B> = RGTK TETHR Peak = 86 LB
<C> = LEFT TETHR Peak = 24 LB
<A> = RIGHT LAP  Peak = 118 LB
<B> = LEFT LAP   Peak = 115 LB

BELT LOADS
\[<A> = \text{RIGHT LAP} \quad \text{Peak} = 670 \text{ LB}\]
\[<B> = \text{LEFT LAP} \quad \text{Peak} = 745 \text{ LB}\]
<A> = RIGHT LAP  Peak = 1326 LB
<B> = LEFT LAP    Peak = 1409 LB

Belt Loads

XP 8407
\( \langle A \rangle = \text{RIGHT LAP} \quad \text{Peak} = 1448 \text{ LB} \)
<A> = RIGHT LAP  Peak = 924 LB
<B> = LEFT LAP    Peak = 163 LB
<A> = RIGHT LAP  Peak = 911 LB
<B> = LEFT LAP    Peak = 891 LB
HEAd ACCEL.

XP 8414
\[<A> = \text{RIGHT LAP} \quad \text{Peak} = 558 \text{ LB}\]
\[<B> = \text{LEFT LAP} \quad \text{Peak} = 194 \text{ LB}\]