## CRP Converted Vehicle Posting Details

**Manufacturer:** Alliance Mobility Solutions Ltd.  
**Vehicle Make/Model:** Toyota Sienna HEV  
**Model Years:** 2021-2023  
**Conversion Name:** Alliance  
**Conversion Details:** Rear Entry  
**Vehicle Load Carrying Capacity (as tested):** 1536 LBS  
**Seating Capacity/DSP (including w/c positions):** 6 (5)  
**CARB Compliance:** N/A

### Vehicle alterations as tested

- Lowered floor (from rear of vehicle to ‘B’ pillar)  
- Manual folding ramp at rear  
- Relocated aftermarket fuel tank

### Certification of specific sections of the F/CMVSS was reviewed

- F/CMVSS 214 (side impact)  
- F/CMVSS 207/210 (seats and seat belt anchorages)  
- FMVSS 301 fuel system integrity  
- FMVSS 225, CMVSS 210.1 and 210.2 (child restraint Systems – CRS)  
- F/CMVSS 302 (flammability)  
- F/CMVSS 110 (tire selection and rims – tire placard)  
- 49 CFR 38.23(b) (ramp design load)  
- WTORS C-10 (wheelchair tie-downs)

* specific requirements of each standard that was reviewed are listed in the accredited lab test plan and on the NMEDA website

### Seating and wheelchair positions

<table>
<thead>
<tr>
<th>Row</th>
<th>Driver side</th>
<th>Center</th>
<th>Passenger side</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front</td>
<td>• OEM bucket seats</td>
<td>N/A</td>
<td>• OEM bucket seats</td>
</tr>
<tr>
<td>Second</td>
<td>• Freedman bucket seat with custom base</td>
<td>N/A</td>
<td>• Freedman bucket seat with custom base</td>
</tr>
</tbody>
</table>
| Third | • Freedman 2 position folding bench seat with integrated seat belts – no occupancy with wheelchair  
• Wheelchair position with Q-Straint QRT max restraint system (250 LBS max wheelchair weight) | |

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1 Vehicle seats 6 with no wheelchair and third row 2 position seat folded down – seats 5 with wheelchair