### Technical Data Sheet

#### Upper Skin Material
- E-Glass / Epoxy Resin

#### Lower Skin Material
- E-Glass / Epoxy Resin

#### Core Material
- Aramid Fiber Paper

#### Core Density
- 1/8 inch cell size; 3.0 lb/ft³

#### Max Weight
- 0.421 lb/ft²

#### Typical Weight
- 0.390 lb/ft²

#### Panel Thickness
- 0.750 in. ± 0.010 in.

#### Warpage
- 0.025 in. maximum

#### Tested Physical Properties

<table>
<thead>
<tr>
<th>Tested Physical Properties</th>
<th>Test Results Value</th>
<th>Failure Mode</th>
<th>Tested IAW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Beam Flexure[^3]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&quot;L&quot; Direction Skin Stress, psi</td>
<td>27,689</td>
<td>30,288</td>
<td>Upper Skin Compression</td>
</tr>
<tr>
<td>&quot;L&quot; Direction P/Y, lb/in</td>
<td>232</td>
<td>265</td>
<td></td>
</tr>
<tr>
<td>&quot;W&quot; Direction Skin Stress, psi</td>
<td>12,104</td>
<td>18,263</td>
<td></td>
</tr>
<tr>
<td>&quot;W&quot; Direction P/Y, lb/in</td>
<td>259</td>
<td>293</td>
<td></td>
</tr>
<tr>
<td>Short Beam Shear[^3]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&quot;L&quot; Direction Stress, psi</td>
<td>116</td>
<td>127</td>
<td>Core Shear</td>
</tr>
<tr>
<td>&quot;W&quot; Direction Stress, psi</td>
<td>69.9</td>
<td>83.4</td>
<td></td>
</tr>
<tr>
<td>Stabilized Core Compression, psi</td>
<td>147</td>
<td>221</td>
<td>Core Crush</td>
</tr>
</tbody>
</table>

Panel meets FAR 25.853(a)’s 60-second vertical burn requirements.

1: Panel warpage is measured as a maximum deviation from a straight line in a 4-foot span.

2: FAA approved allowables’ data, per applicable FAA Form 8110-3, which is available upon request.

3: All data was calculated using a skin thickness of .010 inches.

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