Legacy Seating
Proven combat performer for military aviators of the world

Since the introduction of the first successful military crashworthy crew seat in the UH-60 Black Hawk in 1977, we have earned the reputation as a pioneer in aerospace crash safety and combat survivability.

Building upon our legacy brand, Simula, the BAE Systems team is dedicated to providing innovative, life-saving products to the rotocraft market.

From military folding troop seats to FAA-certified lightweight crew and passenger seats to Presidential VIP seating, BAE Systems is the provider of choice for the world’s helicopter operators. The legacy seats are crashworthy and include armored options for military crew seating applications.
### TYPICAL DYNAMIC TEST CONDITIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Limits</th>
<th>Parameter</th>
<th>Limits</th>
<th>Parameter</th>
<th>Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min. V m/sec (ft/sec)</td>
<td>15.2 (50)</td>
<td>Min. V m/sec (ft/sec)</td>
<td>15.2 (50)</td>
<td>Min. V m/sec (ft/sec)</td>
<td>12.8 (42)</td>
</tr>
<tr>
<td>Max. tr/sec</td>
<td>0.043</td>
<td>Max. tr/sec</td>
<td>0.066</td>
<td>Max. tr/sec</td>
<td>0.0366</td>
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<tr>
<td>Min. G</td>
<td>46</td>
<td>Min. G</td>
<td>28</td>
<td>Min. G</td>
<td>46</td>
</tr>
</tbody>
</table>

**Test 1**

- Armored
- Floor mounted
- Unarmored
- Uparmor kit available
- Variable-load energy absorber
- Bullock mounted
- Adjustable armrest

**Test 2**

- Armored
- Bullock mounted
- Variable-load energy absorber
- Unarmored
- Uparmor kit available
- Floor mounted
- Adjustable armrest
- Bullock mounted

**Test 3**

- Armored
- Bullock mounted
- Variable-load energy absorber
- Unarmored
- Uparmor kit available
- Floor mounted
- Adjustable armrest
- Bullock mounted

### SEAT MATRIX

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Application</th>
<th>Weight</th>
<th>Qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td>100900</td>
<td>UH-60A/L Black Hawk</td>
<td>116 lb (52.6 kg)</td>
<td>MIL-Std-58095</td>
</tr>
<tr>
<td>100800</td>
<td>AH-64 Apache</td>
<td>141 lb (64 kg)</td>
<td>MIL-Std-58095</td>
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<tr>
<td>102330</td>
<td>SH-60/MH-60R Seahawk</td>
<td>47 lb (21 kg)</td>
<td>MIL-Std-81771</td>
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<tr>
<td>101600</td>
<td>V-22 Osprey</td>
<td>90 lb (41 kg)</td>
<td>MIL-Std-58095A</td>
</tr>
<tr>
<td>109800</td>
<td>AH-1Z Cobra</td>
<td>101 lb (46 kg)</td>
<td>MIL-Std-81771</td>
</tr>
<tr>
<td>104230</td>
<td>AW101 Merlin</td>
<td>54 - 59 lb (24.9 - 26.8 kg)</td>
<td>DEF-STAN-970</td>
</tr>
<tr>
<td>108300</td>
<td>AW101 Merlin</td>
<td>117 lb (53 kg)</td>
<td>DEF-STAN-970</td>
</tr>
</tbody>
</table>

### Standard Features

- Crashworthy
- Armored bucket provides 30-cal AP ballistic protection
- 5-point restraint
- MA-16 inertia reel
- Vertical adjustment
- Horizontal adjustment
- Headrest

### Optional Features

- Variable load energy-absorber
- Ballistic protection up to 50-cal AP
- Lightweight, unarmored bucket
- Armored wing panels
- Adjustable armrest
- Swivel

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