Bell 412

Energy-absorbing armored crew seat

KEY FEATURES

• Energy-absorbing
• Five-point restraint
• Guarded rotary buckle
• Armored bucket
• Adjustable armored wing
• Interface load-limiting design
• Weapons mount
STANDARD FEATURES

Crew Seat Assembly
– These floor-mounted crew seats adjust vertically and in the fore/aft directions
– Energy-absorbing stroke provided both vertically (to protect the occupant) and in the forward direction (to reduce floor loading)
– An armored wing panel may be mounted on either side of the seat

Vertical Energy-Absorption System
– The seat uses Variable-Load Energy Absorbers (VLEAs), permitting occupants to customize the energy-absorbing feature to their mission-equipped weight. The vertical energy-absorption system can be set to decelerate any equipped occupant weight from 160 to 260 pounds (73 to 118 kg)

Available Stroke
Varies according to seat vertical adjustment position
– 4 inches (10 cm) minimum
– 9 inches (23 cm) maximum

Armor System
– Kevlar® Laminate Boron Carbide ceramic

Ballistic Protection
– Armored bucket provides 30-cal AP ballistic protection

Floor Reinforcement
– Kit available

Seat Weight
– 131 pounds (59 kg)

BELL 412 SEAT OUTLINE AND INSTALLATION INFORMATION

TEST CONDITIONS AND ORIENTATION

<table>
<thead>
<tr>
<th>TEST</th>
<th>CONFIGURATION</th>
<th>PARAMETER</th>
<th>MAGNITUDE</th>
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