

BAE SYSTEMS

INSPIRED WORK

KEY FEATURES

- Enhanced comfort
- Inflatable lumbar & thigh supports
- Easy installation
- Sheepskin covers



**INCLUDES BOTH INFLATABLE
LUMBAR AND THIGH SUPPORT**

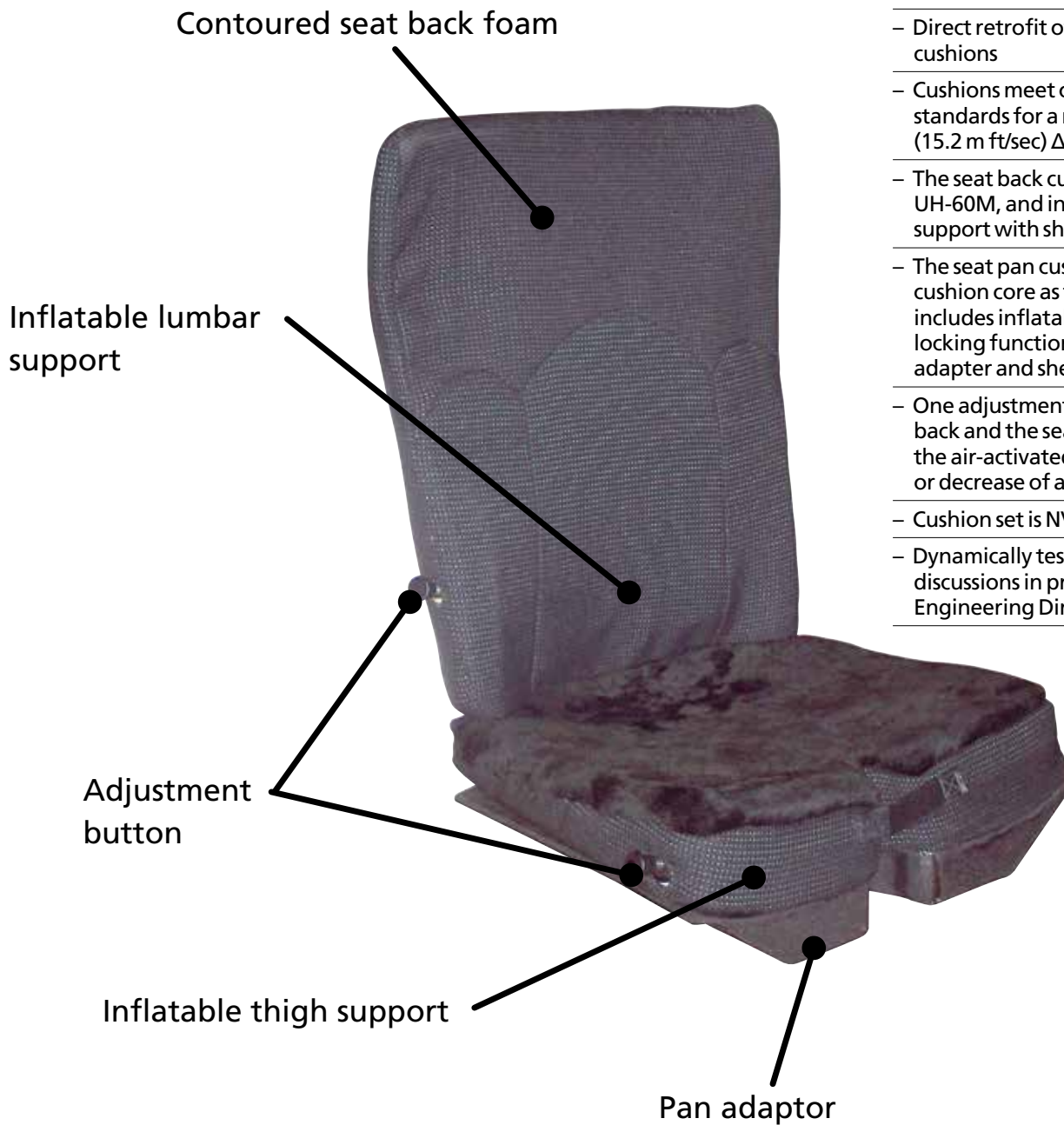


Apache seat cushion

Cushions are a major component of a seating system that can reduce the potential for injury.

BAE Systems' technologically-superior, enhanced comfort cushions for the AH-64 Apache provide significant occupant comfort and endurance while maintaining original

crashworthy requirements. Both the seat pan and the back cushion contain an inflatable lumbar and thigh support with a manual adjustment button.



STANDARD FEATURES

- Based on new technology developed for the UH-60M seat
- Direct retrofit of seat pan and seat back cushions
- Cushions meet occupant safety standards for a military 48.8 G, 50 ft/sec (15.2 m ft/sec) ΔV landing gear pulse
- The seat back cushion is common to the UH-60M, and includes inflatable lumbar support with sheepskin cover
- The seat pan cushion uses the same cushion core as the UH-60M, and includes inflatable thigh support with locking function in addition to a pan adapter and sheepskin cover
- One adjustment button in both the seat back and the seat pan opens a valve to the air-activated bladders for an increase or decrease of air
- Cushion set is NVG compatible
- Dynamically tested (qualification discussions in process with Aviation Engineering Directorate)

Part Numbers
 100920-1 (pan)
 112450-1 (back)

NOTICE

- Cushions affect the dynamic response of an energy-absorbing seat system.
- Changing the cushions on existing energy-absorbing seats may compromise the original qualification requirements.
- Dynamic testing or analysis should be performed to verify the qualification of the seating system has not been violated.
- BAE Systems certifies all of their seats and cushions to the most applicable FAA or DoD regulations.

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