The UH-60 Multi-Patient Stacking System (MPSS) transports up to four (4) patients utilizing a variety of litters and provides an integrated seating system for ambulatory transports. This system meets or exceeds rigid military requirements providing multi-mission or dedicated capabilities for transporting patients, allowing for the best patient care and can be used for:

- Battlefield MEDEVAC life support and transport
- Forward surgical team transport
- Cargo transport system
- MAST mission system (Military Assistance to Safety and Traffic)
- Search and Rescue (SAR) solution
- Disaster relief solution
No equipment is removed from the aircraft for any configuration ensuring the aircraft is capable of meeting any mission requirement at anytime.
The United Rotorcraft Multi-Patient Stacking System for the UH-60 BlackHawk and variants can remain in the aircraft at all time and be reconfigured without tools, downtime, or maintenance personnel.

**Patient Handling Systems**

Left and right-hand side Patient Handling Systems (PHS) provide care and transport for up to four patients; all litter, all ambulatory, or a mix of both. They can be installed together or independently for maximum mission flexibility.
1. Hinged litter platforms and support arms easily remove for storage in the integrated box outboard of the AP Seats.

2. The litter slides onto platform via channels ensuring smooth and safe loading. Platform is then returned to flight position and locked for taxi-takeoff-landing.

3. Litter platform is secured on support arms that telescope and rotate, allowing crew to change the angle and position of the platform.

4. Track style mounting is provided under the upper platform, on the base pallet, and on the aft stanchion for mounting restraints, utility equipment, and medical IV bags.
**Two Multi-Function Crew Seats**

- 360 deg rotation
- Up/down adjustment
- Forward and Aft translation in pallet tracks
- Stand up 5 point harness

Certification: Sikorsky specification SES701443; in accordance with AS8049B Type: Multi-Functional

Seat Weight: 44.5 lbs

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**Four Ambulatory Patient Seats**

- Four point restraint
- Light-weight webbed nylon material
- Cushioned neck rest
- No tool installation / removal
- Stroking

Certification: TSO / ETSO C39B Type: FF / SF

Seat Weight: 14.9 lbs Harness No.: MBCS 4136 Cushion No.: MBCS 12220

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**Crash Attenuating Utility Seat (PN: MBCS12410AA001)**

- Four point restraint
- Light-weight webbed nylon material
- Cushioned neck rest
- No tool installation / removal
- Stroking

Certification: Sikorsky specification SES701443; in accordance with AS8049B Type: Multi-Functional

Seat Weight: 14.9 lbs Harness No.: MBCS 4136 Cushion No.: MBCS 12220
Each PHS provides 115VAC electrical power through two duplex outlets for powering carry-on medical equipment throughout the mission.

Provisions for securing four carry-on oxygen cylinders, two per PHS, are included.

Crew seats attach to United Rotorcraft floor pallets which feature tracks for forward/aft seat movement and a patented anti-skid surface.

Ambulatory seats flip up when not in use and should remain in aircraft during all missions to maintain the full MEDEVAC capability.
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