

Troop and Gunner Seat

The Troop and Gunner Seat family has been designed and developed to meet the new improved crash requirements of the UH-60M Blackhawk using Martin-Baker's patented energy attenuation technology.

Both seats are designed and tested to MIL-S-85510 using the latest military standards for occupant size and weight. The Troop Seat is qualified for fore and aft facing installations. The Gunner Seat is qualified for side facing installations. Both seats incorporate a fold up sitting platform with a lightweight hard-wearing fabric sitting sling. The Gunner Seat is fitted with 3 acceleration sensing MA-16 type Inertia Reels and a stand-up harness that allows the user 48in. of webbing pay-out to manoeuvre around the cabin without needing to remove the harness.



- ▼ Accommodates fully equipped 5th to 95th percentile troops
- ▼ Floor and ceiling mounted
- ▼ Stand-up harness available (Gunner Seat)
- ▼ Simple installation and removal without tools
- ▼ Hardwearing nylon fabric sitting sling
- ▼ Additional comfort pad available (Troop Seat)
- ▼ Qualified to MIL-S-85510
- ▼ Lightweight
- ▼ Safely accommodates fully equipped troops
- ▼ Seat folds to increase cabin volume

The seats mount between the floor and ceiling of the cabin. The lower fittings attach to the cargo studs in the floor panel and the upper attachments connect to the ceiling installation kit via quick release pins. The seats can be rapidly removed and installed without tools when reconfiguring the cabin. The seat main tubes are telescopic to allow expansion and contraction of the cabin height during flight cycles and to aid installation and removal. Vertical loading under flight or crash cases is only applied through the ceiling structure.

The seats incorporate Martin-Baker's patented energy absorber design which can protect the qualified occupant range against the crash conditions of MIL-S-85510 without any need for adjustment.

Martin-Baker's product range of crashworthy seating for both rotorcraft and fixed wing applications includes Crew, Passenger, Utility, Troop, Armoured and Rotating Seats. All seats are certified to FAA/EASA and/or military requirements, supporting the operating requirements of a wide range of customers.



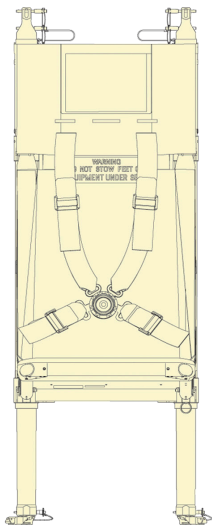
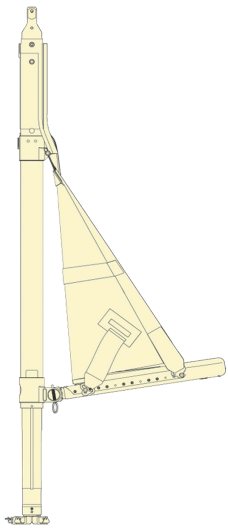
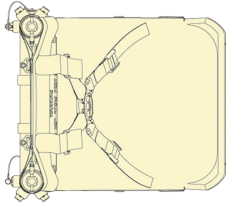
Over 20,000 troop and gunner seats sold to date for the UH-60M Black Hawk



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Troop and Gunner Seat



Specification Summary

Qualified Performance

Performance Specification

MIL-S-85510

Certified NTE Seat Weight

Gunner Seat	32.6lb
Troop Seat	20.87lb

Installation:

Ceiling	Martin-Baker installation kit
Floor	Aircraft stud & cup

Installation Direction:

Gunner Seat	Side facing
Troop Seat	Fore/aft facing

Harness:

Gunner Seat	4pt. locking stand up harness with 3 MA-16 reels
Military MPACS	4pt. locking harness

Adjustment:

Hinged stowable sitting platform

Performance:

Static and dynamic loads in accordance with MIL-S-85510
Qualified occupant mass range 142.3-242.3lb

Performance:

Nylon Fabric

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