



1402 ARMORED PILOT SEAT

ENHANCED RELIABILITY AND SAFETY

Lightweight, cost efficient and safe rotary-wing seats

Pilot safety and comfort are essential for any mission. Collins Aerospace's 1402 armored pilot seats are lightweight and durable with customizable adjustability. These rotary-wing seats are ergonomically designed using modern pressure mapping techniques and business jet comfort technology. They feature an energy absorber and integral armored seat bucket. Our 1402 armored pilot seats are tested to meet high G-loads with lower weight and increased comfort. Our seats are qualified to meet the most challenging industry standards.

ADJUSTABILITY

- Height adjustment (standard range +/- 2.5" which can be customized) for SRP range
- Forward and aft adjustment on the length of the floor tracks
- MA-16 restraint system with manual lock function
- Further options can be incorporated such as seat pan tilt and lumbar support
- Ergonomically designed using pressure mapping techniques and business jet comfort technology

KEY FEATURES AND BENEFITS

- Lightweight circa 42 kg
- Weight savings of ~30% compared with other seating solutions
- Adjustable absorption/occupant size
- Seat pan tilt and lumbar support
- Certified to higher G-loads
- Reliability tested to 40,000 cycles



SAFETY

- The energy absorber can be calibrated for occupants from 64 kgs to 114 kgs with an available stroke of 7" (176) at any vertical position
- Integral armored seat bucket, 14 mm composite SIC armoring for threat level 7.62 x 51 AP, VSO = 2600 ft/s

QUALIFICATION

- Statically tested 35g forward, 20g sideward, 8g upward, 25g downward, 12g rear facing
- Dynamically tested, combined forward/sideward (Gxy) 29g, combined downward/forward/sideward (Gxyz) 47g, downward (Gz)
- Environmentally and vibration tested according to MIL-STD 810



Specifications subject to change without notice.



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