

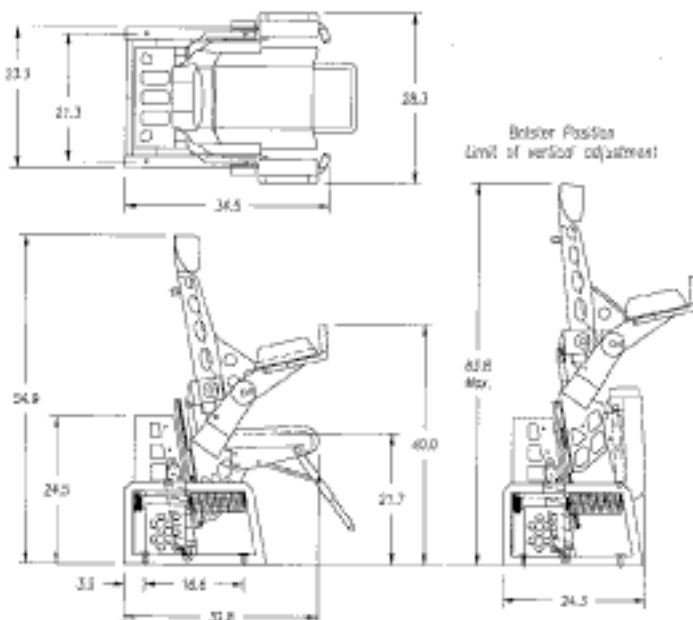
Model 800v.5

Advanced Shock-Mitigating Seat/Bolster

The 800-101v.5 Advanced Shock-Mitigating Seat/Bolster combines the best features of the 800-101v.4 Operator Seat/Bolster with second-generation ABSORB (Active Boat Shock Reduction Bolster) technology, initially developed by STIDD Systems under contract in support of Navy requirements.

"Version 5" employs pneumatic/electric power-assisted circuitry to enable remote control of shock absorber compression and rebound damping over 4-inch travel while underway, compensating for each seat occupant's net weight and sea state.

The result is unprecedented ride quality "custom tailored" for every user.



Model 800v.5

shown during testing aboard MkV Special Operations Craft.

SPECIFICATIONS

Nominal performance range:

- +4g impact load mitigation @ 100% duty cycle;
- 300 msec rise time to peak;
- energy dissipation 1.5 HP/min;
- 160-275 lb occupant;

Power requirement:

- 12VDC/5A per seat.

Weight: 162 lbs.

Shock absorbing travel - 4 inches



STIDD Systems, Inc.