

**FOR MORE
INFORMATION PLEASE
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**FOR SALE USED
BEST OFFER**

**AST 300 with Garman 530
And
Moog Six DOF Motion Platform**



For over 30 years AST has built their reputation on the reliability and fidelity of the AST 300, with over 200 FTD's still in operation on four continents.

Standard Equipment and Operating Systems

The simulator specifications are as follows (all avionics are authentic and fully functioning):

- Certified as an FAA Level 3 Flight Training Device -- Certification Completed 9/22/03 -- This is the ONLY Full-Motion Level 3 Flight Training Device for light piston single-engine or multi-engine aircraft!
- Full 6-Degree Freedom of Motion System from Moog Inc. (www.moog.com)
- Approved for Instrument Proficiency Checks with a CFII
- Approved for Instrument Currency with a CFII or Instrument Ground Instructor
- Bendix-King KX-165 VOR/ILS Receiver
- Sandel SN3308 Electronic HSI interfaced to 3 IFR GPS navigators, VOR/ILS, and ADF
- Garmin 530 IFR GPS
- King KLN94 IFR GPS with IFR-style Annunciator panel
- UPSAT GX50 IFR GPS with IFR-style Annunciator panel
- King KR87 ADF Receiver
- Generic Single-engine or Multi-engine piston Cockpit
- Authentic simulator flight models from Kohlman Systems Research, Inc. (www.kohlmansystems.com) for Cessna T210/P210, normally aspirated Piper Saratoga, Piper Seminole, or generic turbocharged twin
- 60-Degree Visual Projection System
- Extensive, custom-programmed systems failure scenarios for single-engine or multi-engine single-pilot IFR training

Electric Motion Base



**MB-E-6DOF/12/1000KG *
(Formerly 6DOF2000E)**

The MB-E-6DOF/12/1000KG is capable of handling a Gross Moving Load (GML) of 1,160 kg (2,554 lb) and is comprised of six 12 inch stroke electric actuators.

Maximum Excursion

	Single
Surge	t 0.25 m (t 9.8 in)
Sway	t 0.25 m (t 9.8 in)
Heave	t 0.18 m (t 7.1 in)
Roll	t 21.0 °
Pitch	t 22.0 °
Yaw	t 22.0 °

Maximum Velocity

Surge	t 0.50 m/s (t 19.7 in/s)
Sway	t 0.50 m/s (t 19.7 in/s)
Heave	t 0.30 m/s (t 11.8 in/s)
Roll	t 30.0 °/s
Pitch	t 30.0 °/s
Yaw	t 40.0 °/s

Maximum Acceleration

Surge	t 6.0 m/s' (t 0.61 g)
Sway	t 6.0 m/s' (t 0.61 g)
Heave	t 5.0 m/s' (t 0.51 g)
Roll	t 500 °/s'
Pitch	t 500 °/s'
Yaw	t 400 °/s'