



Global Tech
www.globaltech.net.tr



ADF Science



PSA-100A Runnable Piston Engine Training Set

Description

PSA – 100 A training set provides a cost-effective training resource for hands-on training in aviation schools. The trainer comes complete with an operational piston engine. The engine is connected to propeller assembly including spinner and governor. The engine is operated from a semi-enclosed test cell cabin that has all the necessary instrumentation and controls to run the engine. The engine is mounted with all necessary electrical wiring, engine accessories, controls, and instruments that are needed for running the engine. The students may also be trained to remove and replace parts for field level maintenance practice. The engine trainer may be mounted on wheels for easy mobility. For fixed installations, the trainer is provided with heavy duty vibration and shear mounts to absorb vibrations.

Specifications

- Delivered fully assembled, tested and ready to operate.
- Battery powered
- User's manual, students' study guide, CBT (Computer Base Training), wiring diagrams, flow schematics, components diagrams and instructors' training resource are available.
- The computer-based training (CBT) covers the engine construction and operation in an easy-to-understand fashion. The CBT provides an easy-to-comprehend description of engine ignition & starting system, engine fuel system, and propeller control system.
- The CBT enables the students to learn at their own pace the detailed description of the engine, with high resolution graphics and animations.
- By using the CBT, supplied FREE with the engine trainer, students can come well prepared to the practical sessions, minimizing the time instructor has to spend explaining the concepts in the noisy background during engine operation.