
Product Overview

Pitot static and flight instrument trainer PITS-24



This cabinet style engine Pitot trainer has been redesigned to match our new all grey simulators. The same components and wing assembly are used allowing us to integrate the different trainers.

*This PDF is a representation of only a selection of the operating manual or curriculum.
All information is subject to change as we further develop our trainers.*

Integrity - Quality - Productivity

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Currently in reseach and development.

GATS instrument simulators are designed for years of trouble free operation. This simulator is designed to give the student good visuals and insight in how various instruments operate and how they are installed.

The instruments are mounted in their positions using pendulum and pivoting for the gyroscopic flight instruments. Gyroscopic resistance can be felt with the movement of the flight gyros. We use a new gyro and instruments as they are very delicate and do wear out. This way we can insure long life rather than an intrument that works but is on its last leg!

The PITS-24 features the following:

- ✈ Desk top style simulator
- ✈ New 24 volt power supplies for quiet operation
- ✈ Complete curriculum
- ✈ New Directional gyro mounted in rotating brackets so students can feel and see the gyro.
- ✈ New Attitude indicator mounted in a pivot for student discovery
- ✈ New airspeed indicator combined with a pitot tube and static port
Pressure and vacuum systems are designed to change the pressure
so the student may adjust the pressures acting on the gyros.
- ✈ New turn coordinator mounted in rotating brackets so students can feel and see the gyro.
- ✈ New rate of climb indicator
- ✈ New vacuum source, vacuum regulator, and vacuum filter
- ✈ New associated electrical circuits and pneumatic components

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