



# TRAINING

## **PBS-4100 Portable Vibration and Balancing System**

### **What Your Technicians Get Out of the Training**

4-step process for examining and minimizing engine vibration

Ability to quickly determine if engines are operating at safe vibration levels

Confidence to properly set up the software and connect the system to an engine

Knowledge of how to efficiently and properly adjust weight distribution and validate the changes

Certification of completed training

### **Benefits to Training with MTI Instruments**

Your technicians learn from an expert maximizing your investment

They will be proficient at setting up and running the tests and subsequent corrective actions required to optimize the operational performance and safety of your engines.

- ✓ Safe and controlled learning environment
- ✓ Skilled technicians
- ✓ More reliable and better performing engines
- ✓ Lower repair costs
- ✓ More "Uptime" for your aircraft

# COURSE FEATURES



## ON SITE TRAINING

Work with MTI to plan training on your timeline and at your site



## YOU ARE THE PRIORITY

Your technicians and employees are our priority



## THEORY BASED

Discover the theory and reasoning behind the testing



## SOFTWARE & HARDWARE

Learn about the software, hardware and connections required within the system



## HANDS-ON EXPERIENCE

Gain hands-on experience using a training engine simulator with a PBS system



## ON-ENGINE DEMONSTRATION

MTI can provide on-wing or on-engine demonstration with aircraft

**20% - 25% THEORY AND BACKGROUND • 75% TO 80% HANDS-ON TRAINING**

# COURSE CONTENT

## DAY 1

Learn the operational theory and background of engine vibration and balancing.

Train on the setup and information gathering needed to maximize the benefit of the testing and corrective adjustments

See the PBS-4100 in action with a demonstration using a training engine simulator

## DAY 2

Students get hands-on setting up and running tests with the system on a training engine simulator

## DAY 3 (Optional)

Optional day dependent on the availability of an aircraft/engine. Students take their knowledge into the field. Set up and run the PBS-4100 on equipment used in your company

## MATERIALS SUPPLIED:

Training materials (digital & print), procedures, access to training engine simulator and PBS-4100 system.

COST: vary by course length, size (5-10 students is recommended) and location.

**Let MTI accelerate your team with the latest evolution in aircraft engine maintenance.**

**Our team of sales representatives are ready to provide a quote that is customized to your business needs.**

**Schedule today**

☎ 518-218-2550

✉ [PBS@MTIINSTRUMENTS.COM](mailto:PBS@MTIINSTRUMENTS.COM)

325 WASHINGTON AVENUE EXTENSION  
ALBANY, NY 12205-5505  
PH. +1-518-218-2550  
OR USA TOLL FREE: 1-800-342-2203

FAX: +1-518-218-2506  
EMAIL: [SALES@MTIINSTRUMENTS.COM](mailto:SALES@MTIINSTRUMENTS.COM)  
[WWW.MTIINSTRUMENTS.COM](http://WWW.MTIINSTRUMENTS.COM)

**mtiinstruments**

7001-0171 REV 1.0