

MicroBase Professional™ Vibration Database

MicroBase Professional™ Connects You To The MicroBase Network™

- Download Applications Support Data in Seconds.
- Exchange Data with Other MicroBase Users Quickly.

SPECIFICATIONS

Current Software Version

MicroBase Professional™ version 2.20

Analysis Modes

Prop/Rotor Balance, Blade Track, Spectrum, Waveform, True RMS, True Peak Hold, Spectrum Overall, Tach Ratio.

Data Display Units

Magnitudes in Acceleration, Velocity, Displacement (English or Metric) and Non-Vib Units. Frequencies in Hz and CPM / RPM.

Spectrum Cursor Modes

Cursor Off, Cursor On, Peak Locate, Harmonic, Move Harmonic, Sideband.

Spectrum Scale Modes

Linear, Logarithmic and dB Units.

Spectrum Marker Modes

Component Name (wide) and Component Name & Speed (tall)

Waveform Cursor Modes

Cursor Off, Cursor On, Delta Time.

Data Filter

Data selection and filtering based on Analysis mode, AC Ident, Model, S/N, Misc, CP Name, Model, S/N, Misc, Date Range, Operator and Operator Comments.

Data Import and Export

MicroBase™ Exchange Format (MBX).

Default Data Tags

Aircraft Ident (tail number), Model, S/N, Misc, Hours. Component Name, Model, S/N, Misc, Hours.

Data Reports

Standard and Special reports including MORE Reports. Logbook summary reports in Avery 5163, 5164 and 5168 label formats.

Database

XBase file format. Automatic data archiving and restoration.

Communication

Bi-directional data transfer with MicroVib™ II Aircraft Analyzers via RS-232 serial port or USB Port*.

Platform Requirements

Windows XP/Vista/7/8/8.1/10.

Intel Pentium 400mhz and up (or equivalent).

Display (1280x800) or higher.

2GB system memory and 2GB free disk space.

One unused USB or RS-232 Serial Port.

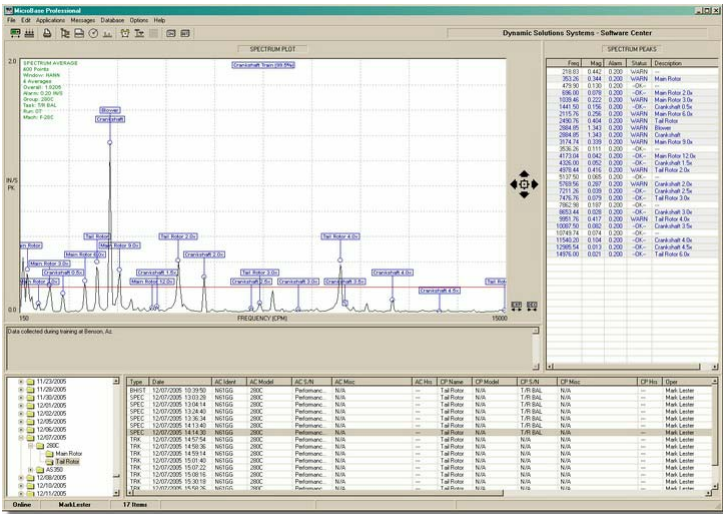
Internet connection required for access to MicroBase Network.

Documentation

Built-in MicroBase and Vibration Analysis User's Guide.

Installation Media

Initial installation via CD-ROM. Updates available via online auto-update.



FEATURES AND BENEFITS

- Upload and Download Data from MicroVib™ II
- Data Identification for Permanent Record Keeping
- Balance History Records
- Engine Vibration Analysis
- Vibration Trend Monitoring
- Single and Dual Plane Balance Solutions
- User Configurable Threshold Alarm Levels for Polar, Spectrum and Waveform Data Displays
- Spectrum Highest Peaks Listing
- Spectrum Component Identification
- Spectrum Alarm Envelopes
- Smart Spectrum Peak Interpolation
- Detailed Balance and Data Display
- Print Standard and Special Reports
- Print Logbook Reports on Standard Labels
- Aircraft Data Import and Export
- MicroBase™ Polar Plot and Blade Track Plot
- MicroBase™ Spectrum Plot
- MicroBase™ Waveform Plot
- Built-in MicroVib™ II Group File Editor
- Upload and Download Group Files from MicroVib™ II
- User Configurable Data View
- Powerful Data Filter
- Download Applications Data from the MicroBase Network
- Share Data and Applications Info over the MicroBase Network
- Industry Standard Database File Format
- Automatic Data Archiving
- Best Price / Performance
- FAA Approved for MORE STC



Dynamic Solutions Systems, Inc.

Aircraft Vibration Analysis and Control Systems

1355 Grand Avenue, Suite 100

San Marcos, California 92078

www.dssmicro.com