

# 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.

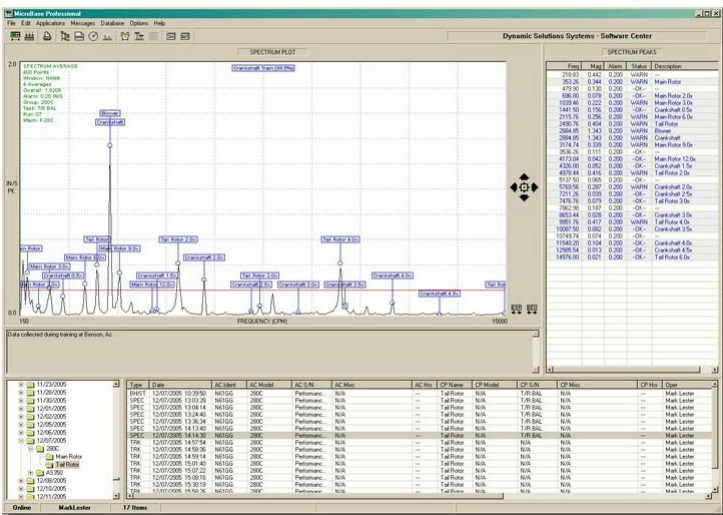
Internet connection required for access to MicroBase Network.

### 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