



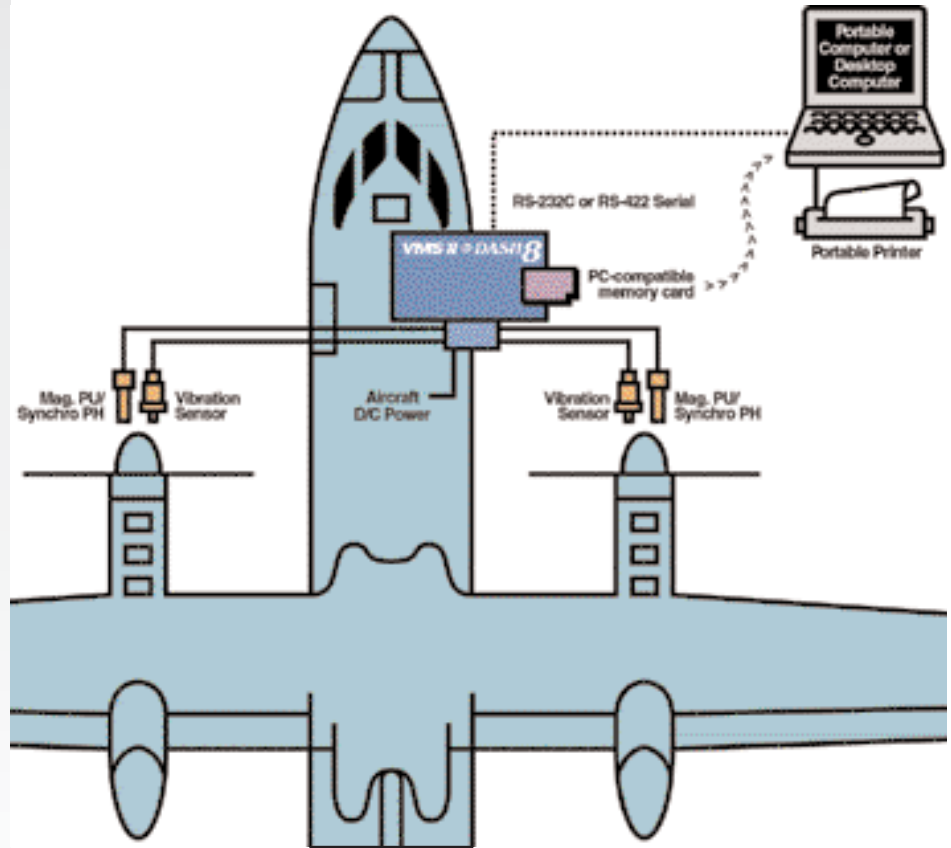
THE VMS II INSTALLS IN THE  
WARDROBE OF THE DASH 8

**Propeller balance without  
dedicated maintenance flights**

# Vibration Management System II Features

**Slim, lightweight monitor is mounted out of sight in wardrobe for easy access to propeller balance data. The VMS II:**

- Permanent on-board system.
- Easily installs.
- Connects to a portable PC for simple operation.
- Automatically collects propeller vibration data during revenue flights.
- Fine-tunes propeller balance for lower aircraft vibration.
- Provides maintenance with dependable adjustments from unambiguous balance solutions.
- Uses vibration data for trend analysis and early detection of wear or damage.
- Reduces operating costs.



## Basic Kit for Dash 8 Propeller Balance

### Signal interfaces and devices for data download:

|                   |                                   |
|-------------------|-----------------------------------|
| portable computer | serial, RS-232, Windows 95        |
| printer           | serial, RS-232                    |
| memory card       | PCMCIA Type II, static RAM (SRAM) |

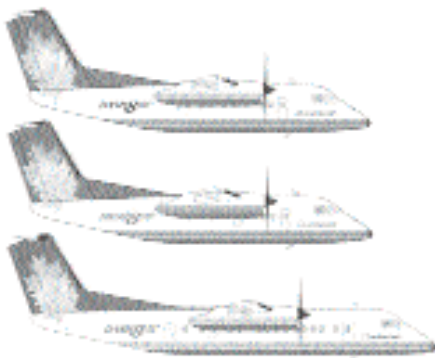
**Vibration signal inputs:** 2 velocimeters for each aircraft

**Azimuth signal inputs:** 2 magnetic pickups (tachs)

**Channels:** 2 parallel processing channels

|                        |        |            |           |
|------------------------|--------|------------|-----------|
| <b>Processor Unit:</b> | height | 1.2 inches | 3 cm      |
|                        | width  | 5.3 inches | 13.5 cm   |
|                        | depth  | 8.0 inches | 20.3 cm   |
|                        | weight | 1.5 pounds | 0.7 kilos |

*Specifications subject to change without notice*



**The VMS II is FAA STC certified for use on 100, 200, and 300 Series Dash 8 aircraft**

## Diagnostic Solutions International LLC

**HONEYWELL "CHADWICK" HUMS DISTRIBUTOR**

2580 East Philadelphia Stree, Unit C  
 Ontario, CA 91761  
 Phone: (909) 930-3600 Fax: (909) 930-3323  
 www.dsi-hums.com

**Honeywell**