

# AS332 VIBRATION MONITORING SYSTEM (VXP) FOR HUMS

Heli-One installs Honeywell's Vibration Monitoring System (VXP) for Onboard Health Monitoring System (HUMS). The VXP is a low cost alternative that constantly monitors vibration for all critical rotating components. The proven system enhances safety through early detection of mechanical issues and adds long-term operational value from improved maintenance planning.

## FUNCTIONS:

- Main/Tail rotor Track & Balance (optical tracker – day/night)
- Engine acceleration/deceleration
- On-board vibration analysis of gear boxes, airframe and drive shafts
- User friendly VXP display unit for ground acquisition and replay of data (also for on-board analysis in flight)

## COMPONENTS:

- VXP HUMS airborne Acquisition unit
- Optical trackers for main and tail rotor
- Drive shaft accelerometers
- IGB accelerometer
- TGB accelerometer
- MGB accelerometers
- Fuselage accelerometers
- Oil cooler accelerometer
- Engine accelerometers
- Optical sensors



VXP AIRBORNE UNIT



VXP GROUND UNIT

# Honeywell

SYSTEM DELIVERED WITH HONEYWELL PRODUCTS & TECHNOLOGY

To always keep you safe and mission-ready while reducing cost of ownership

## CONTACT

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[www.heli-one.ca](http://www.heli-one.ca)

A division of CHC Helicopter

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Excellence in Helicopter  
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