

RECON DYNAMICS ASSET MANAGEMENT SOLUTION

AERIAL HARNESS TRAINING SYSTEM DATA SHEET

QUICK FACTS:

- Aerial harness safety monitoring
- Boom position detection
- Lanyard clip-in detection
- Real time notifications
- Configurable horn alarm
- Tamper detection
- Wireless operation
- Easy installation
- Ultra-low power draw
- Weatherproof



The RECON Aerial Harness Training System is designed to assist in the training, notification and monitoring for proper use of an aerial safety harness. The system consists of a RECON ProxBox, RECON Wireless Horn, RECON Wireless Sensors, and an enhanced safety lanyard (with RECON lanyard retrofit kit) or manufacturer integrated enhanced lanyard. The system provides the lift operator an audible warning of unsafe usage of the lift when the operator has not clipped in to the lift (similar to not using a safety belt in a vehicle). In addition, the system can monitor for unsafe usage and report this information to safety and operations personnel to improve lift safety compliance.

DEVICE SPECIFICATIONS (Horn and sensor only, see specific datasheet for ProxBox)

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|------------------------------|---|------------------------------|--|
| Radio Specifications: | IEEE ZigBee 802.15.4 | Dimension: | |
| Compliance: | FCC part 15 | - Horn | 9.2 x 7.0 x 2.75 in [234 x 178 x 70 mm] |
| Sensing Capabilities: | | - Sensors | 1.9 x .8 x .5 in [4.8 x 2.0 x 1.3 cm] |
| - Lanyard | Clip-in | Weight: | |
| - Boom/lift | Position | - Horn | 1 lbs. [1.1 kg] |
| - Motion | Internal Accelerometer | - Sensors | .6 oz. [17g] |
| - Temperature | ± 3% over operating range | Environmental Rating: | NEMA 4X, IP66 |
| Sensor Power: | Non-rechargeable Lithium Thionyl Chloride battery | Operating Temp Range: | -40 F to +131 °F [-40 to +55 °C] |
| Battery Lifespan: | Up to 5 year | Horn Power Input: | 0.5 Amps @ 12 VDC |
| | | Horn Voltage range: | 8-18 VDC |
| | | Horn Audible Range: | Up to 125dB |