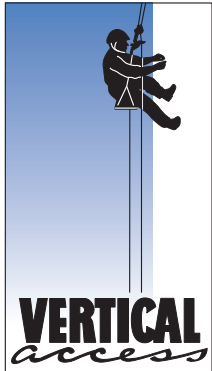


Keith Luscinski

TECHNICIAN

Experience

Keith came to Vertical Access in 2006 with a background in industrial engineering and years of experience rock climbing and tree climbing throughout the world.



He has combined his knowledge of rigging and engineering to design and test industrial rope access equipment. Through a grant from the National Center for Preservation Technology and Training, Keith tested various types of mechanical anchor systems in sandstone and limestone. He also developed a rolling anchor system that permits efficient hands-on inspections of cable-stayed bridges.

Before joining Vertical Access, Keith worked for Cornell Outdoor Education to pioneer recreational tree climbing instruction. He helped implement institutional standards and safety protocols that are being adopted by similar organizations throughout the country.

Education

- Cornell University, Ithaca, NY
Bachelor of Science in Operations Research and Industrial Engineering, 2007
- Wilderness Medical Associates
Certified Wilderness First Responder, October 2008

Representative Projects

- Strawbridge's Building, Philadelphia, PA: Survey and documentation of limestone facades.
- Lawrison Hall, Syracuse University, Syracuse, NY: Measurement of cantilevered floor slab deflection.
- Arthur Ravenel Jr. Bridge, Charleston, SC: Designed rolling anchor system to inspect the longest cable-stayed bridge in North America.
- American Museum of Natural History, New York, NY: Installed mock-up lighting on tower to aid in the design of permanent architectural lighting and fall protection for maintenance of the lighting.
- United States Post Office and Courthouse, Brooklyn, NY: Survey of terra cotta and granite masonry, and identification of public safety hazards.
- Niagara Canadian Pacific Railway Bridge, Niagara Falls, NY: Documented dimensions of truss members to aid in finite element modeling.

Professional Affiliations

- Society of Professional Roped Access Technicians (SPRAT), *certified Level Two technician*

Publications and Presentations

- *Failure Testing of Swaged Rope Anchors*
- *Mechanical Anchor Strength In Stone Masonry*