

Riegl TLS Field Operation Manual and Workflow

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2. Scanner Set Up
3. RiScan Pro – Pre-Scan Set Up
4. Scan Position Set Up
5. Collecting Data
6. Finding and Fine-Scanning Tie Points
7. Shutting Down and Moving Scanner
8. Scan Registration
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10. Tie Point Convergence Inspection (trouble shooting)
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This manual was developed by UNAVCO staff to document our best-practices for Riegl terrestrial laser scanner field operation, data collection, and initial data processing. This document is for a tie-point based workflow, using the Riegl VZ400 (but should also be largely applicable to the Z620 and VZ1000 scanners as well).

This document should be detailed enough to guide a user through the standard data collection workflow, and we recommend it as a resource for UNAVCO community members working with UNAVCO Riegl scanners.

[Riegl TLS Field Operation Manual and Workflow \(PDF\)](#)

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