



A New North-finder

The NovaCompass is a north-finding device suited for calculating accurate true North azimuth angles in areas where magnetic fields are inconsistent or GPS signals are not available through a form of advanced gyrocompassing.

Progressive Accuracy

The NovaCompass can calculate true North azimuth with an accuracy of:



With continued convergence, accuracy can approach 0.01° within reasonable timeframes.

Laser Baseline Azimuth Transfer

With an inline calibrated laser module, you can transfer an extended azimuth baseline to other devices instantaneously. Useful for aligning results to other devices and for creating points of reference.



Web Interface

Track true North azimuth calculations and uncertainties through PDF reports and initiate azimuth sampling through the web-based user interface, accessible directly from any WiFi-enabled tablet, laptop, or mobile device.

NovaCompass Control Panel				Home Logout User adams
	Home	Upload Test Files	Run Test	
Device Status				
Device Name	NoveCompass			
Connection Status	Online			
Device Status	Stopped			
Time in State	1 14 38			
Test Progress:		100%	1.	_
Heading Count: 1				
Last Heading: 165.51				
to Accuracy: 0.13*				

For additional information, contact ALIGN at product@align-engineering.com ALIGN Pilot Program Release, 2025