

Data acquisition

Bridgeporth brings together some of the most experienced scientists in the industry with an extensive range of mission critical technologies and state-of-the-art data acquisition equipment.

Our highly qualified staff of experienced operational geoscientists have developed particular skills in acquiring both land and airborne high-res gravity and magnetic data.

We also offer a broad range of geoscience acquisition solutions ranging from Gamma Ray Spectrometry, LiDAR, time domain electromagnetics (TDEM), very low frequency (VLF) and ground penetrating radar (GPR) through to radiometric dating and chemical analyses.

We have an in-house fleet of fixed wing aerial survey planes, with ready access to further fixed wing and rotary aircraft. This means that we respond quickly and efficiently to client survey requests involving:

- Gravity
- LiDAR
- Magnetics
- Horizontal magnetic gradient
- Gamma Ray Spectrometry
- VLF-EM
- Hyperspectral Imaging



Our Philosophy

At Bridgeporth, we believe that owning our own planes and geoscience equipment translates into added value for our clients. It means you, the client, don't have to worry about issues of availability and expensive rental costs. It means when you are ready to go, so are we. And it means we come prepared with the industry's finest tools, hand-picked for being best in their respective classes.

Our Aircraft

Two of the aircraft Bridgeporth uses are the Pilatus PC-6 Porter and the Cessna C208B Grand Caravan. The Pilatus PC-6 Porter is renowned for its exceptional Short Take-Off and Landing (STOL) performance and low speed handling on virtually any type of terrain.

Its remarkable ability to take off within a distance of only 640 feet and land within a distance of 427, while carrying a payload of over 2,600 lbs makes it the perfect choice for the kind of rugged, undeveloped locations where Bridgeporth predominantly operates.

Likewise, our Cessna C208B Grand Caravan is a turboprop aircraft engineered for hard work, with matchless cargo hauling capacity and industry-leading dispatch reliability.

With Bridgeporth's planes, you spend more time in the air capturing data and less time on the ground with maintenance and services. With the dependable and versatile Grand Caravan EX, you can count on exceptional performance wherever your exploration efforts may take you.

Cessna's Grand Caravan EX was engineered for challenging, rugged missions with high payloads and short, rough runways. This workhorse has the agility of a much smaller aircraft—it can take off with less than 1,399 feet of ground and climb at 1,275 feet per minute, reaching cruise speeds of 185 kts and travelling distances of up to 832 nautical miles.

It's not just our aircraft that are top-of-the-line: our navigation, gravity, digital terrain mapping, magnetic gradiometry, and gamma ray spectrometer instruments are the industry's most advanced technologies.



To learn more about Bridgeporth, please visit us at www.bridgeporth.com or contact us at sales@bridgeporth.com

