

RPM Aerial Services



Company Profile & Description of Products or Services to be Exported:

RPM Aerial Services Inc. (RPM) is a geospatial data collection company focused on LiDAR, photogrammetry, magnetic surveys, and 360 video. Established in 2016, the company is based in Holyrood, in Newfoundland and Labrador, Canada.

There are multiple products that can be derived from the surveys we conduct, with the main ones being topographic maps, orthomosaics, digital elevation models and point clouds. These can be extremely useful for climate change adaptation planning, documenting storm damage, mapping utility corridors, engineering planning (for construction, transportation, renewable energy site development, etc.), and much more.

Our services are offered to clients that include utilities, renewable energy developers, airports/heliports, engineering and construction firms, and government agencies involved in environmental monitoring, road infrastructure, urban & rural communities, and management.

Value Proposition:

Aerial surveys that are completely reliant on helicopters or fixed-wing aircraft can be cost prohibitive for many organizations. Since drones can be shipped at a fraction of the cost of mobilizing a helicopter, RPM's RPAS (drone) and/or helicopter approach for conducting aerial surveys can be much more affordable. RPM has the expertise and technology to meet client requirements for restrictive budgets or dense surveys of larger land parcels. Furthermore, RPAS surveys also emit a fraction of the Green House

Gases (GHG) that helicopter platforms emit and are thus more environmentally friendly. RPM also offers a truck-based LiDAR approach for conducting ground surveys along roads. This is even more cost effective for capturing roadside infrastructure.

Export Experience:

In 2022, RPM conducted its first international LiDAR and photogrammetry survey for the Grantley Adams International Airport in Barbados, sparking interest in exploring other opportunities to provide services in the region.

Caribbean Clients or Partners:

Grantley Adams International Airport in Barbados is a client, and Stantec Barbados is a partner.

Mission Objectives:

- Identify and engage with potential partner organizations not limited to:
 - Survey companies
 - Environmental consulting firms
 - Engineering firms
 - Property developers
 - Other firms providing geospatial data collection
- Better understand the market demand for geospatial surveys and the unique needs and challenges of potential clients in the region; and
- Explore the possibility of establishing a permanent satellite office in the region.

Company Contacts:

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