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[expertgeophysics.com](http://expertgeophysics.com)

## WORK CONDITIONS

Ability to travel for extended periods (6-8 weeks at a time) required.

Comfortable working outdoors in various weather conditions.

Ability to work with complex drone systems in diverse environments.

Education: Bachelor's Degree preferred

Experience: Drone Operation required

## BENEFITS

- Dental care
- Extended health care
- Paid time off
- RRSP match
- Overtime Pay

## JOB DESCRIPTION

We seek a highly skilled and experienced Drone Operator to operate a heavy-lift BVLOS (Beyond Visual Line of Sight) RPAS (Remotely Piloted Aircraft Systems). The ideal candidate will have extensive experience with heavy-lift, long-endurance drones and advanced drone operations. This role is crucial to the successful execution of complex flight missions and the advancement of our drone operations. An engineering or technical background is welcomed.

## JOB DUTIES

- Operate drones for airborne geophysical surveys and complex flight missions, ensuring compliance with regulatory requirements.
- Plan and execute flight paths based on project specifications, weather conditions, and operational goals.
- Perform routine maintenance and safety checks on drone equipment.
- Ensure compliance with all local, provincial, and federal regulations, including obtaining necessary permits.
- Troubleshoot and resolve any technical issues that arise during drone operations.
- Keep updated with industry trends, new technology, and best practices.
- Document all flights and maintenance following regulations.
- Conduct pre-flight checks to ensure safe operation.
- Stay up-to-date on AC and CARs-related regulations.
- Be comfortable with low terrain following, navigating in challenging environments, and potential night-time operations.
- Collaborate with departments to maintain operational efficiency and safety.
- Maintain detailed flight records and assisted in mission planning.

## REQUIREMENTS

- Minimum 2 years of experience in drone operations, particularly heavy-lift, long-endurance, or BVLOS operations.
- Licensed Advanced Pilot with Transport Canada RPAS certification (mandatory).
- Proven flight hours with RPAS over 25kg or in BVLOS operations.
- Proficiency in flight planning, mission execution, and flight data analysis.
- Ability to maintain recency and meet Transport Canada requirements.
- Strong understanding of drone technology, equipment maintenance, and safety protocols.
- Familiarity with payload operations and GIS/data analysis tools.
- Previous aviation experience is an asset.
- Ability to obtain or hold Part 107 Certification for USA operations (nice to have).
- Up-to-date knowledge of regulations and equipment.
- Excellent problem-solving skills and ability to work independently.
- Strong communication skills and ability to collaborate with team members and clients.
- Ability to lift and manipulate objects of up to 50 lbs.