

## AIP CANADA SUPPLEMENT 28/23

### FLIGHT OPERATIONS: FOREST SPRAYING ABITI, LAC SAINT-JEAN, NORTH SHORE, LOWER ST. LAWRENCE, AND GASPESIE

The Society for the Protection of Forests against Insects and Diseases (SOPFIM) will again this year carry out a large-scale aerial application of biological pesticide (Btk) to counter the ravages of the spruce budworm.

A total of 101 aircraft, including 20 pointers, 69 spray planes and 12 spray helicopters, will be spread over 12 operating sites across Québec.

The following SOPFIM bases of operations will be used:

- Dolbeau / St-Félicien, QC (CYDO)
- Chicoutimi / St-Honoré, QC (CYRC)
- Charlevoix, QC (CYML)
- Forestville, QC (CYFE)
- Val D'or, QC (CYVO)
- Lebel-sur-Quévillon, QC (CSH4)
- Amos, QC (CYEY)
- Sainte-Anne-Des-Monts, QC (CYSZ)
- Gaspé (Michel-Pouliot), QC (CYGP)
- Bonaventure, QC (CYVB)
- Du Rocher-Percé / Pabos, QC (CTG3)
- Charlo, NB (CYCL)

The following table provides an overview of the maximum number of aircraft per region and base in the busiest period of operations:

Saguenay, Lac Saint-Jean				
CYDO:6 aircraft		CYRC: 6 aircraft		
Rive-Nord du St-Laurent				
CYFE: 6 aircraft		CYML:4 aircraft		
Abitibi				
CYVO: 8 aircraft		CYEY: 5 aircraft		CSH4: 5 aircraft
Gaspésie et Nouveau-Brunswick				
CYSZ:7 aircraft	CYGP:6 aircraft	CYVB:7 aircraft	CTG3: 4 aircraft	CYCL:5 aircraft

A total of five (5) helicopters will be present on the North Shore and seven (7) helicopters on the South Shore.

## Timeline and workflow

Aerial spraying operations will begin around May 22, 2023 in Abitibi and around May 29, 2023 in Saguenay Lac Saint-Jean and on Côte-Nord. They will begin as soon as the weather permits after May 29, 2023. The work is scheduled to be completed in early July 2023.

Morning operations usually take place between 4:00 a.m. and 7:30 a.m. (local time) and may occasionally extend until 11:00 a.m. (local time). In the evening, operations take place between 18:00 and 21:30 (local time). For spreading operations to take place, winds must be calm and there must be no precipitation.

Calibration and reconnaissance flights will be carried out during the day between 2 May, 2023 and 1 June, 2023. Normally, the spray aircraft sprays the biological product at approximately 50 feet above the treetops. A surveillance aircraft flies and coordinates operations approximately 1,000 feet above the spray aircraft. Spray aircraft proceed to designated areas at approximately 500 above ground level (AGL) and return to bases at approximately 3,000 feet above sea level (ASL).

The helicopters will be positioned at temporary operating sites. Teams will travel frequently during the day to strategically position themselves for operations.

## Aircraft models and communication frequency

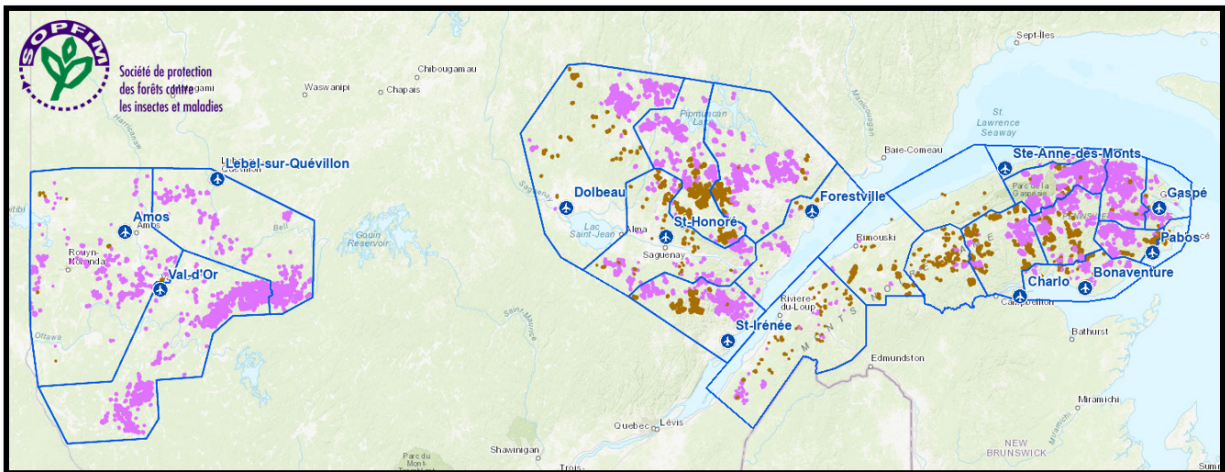
The following table shows the aircraft models and their respective colours so that they can be clearly identified:

	Model	Colour
<b>Spray aircraft</b>	Air Tractor 502	White or yellow
	Air Tractor 504	
	Air Tractor 602	
	Air Tractor 802	
	Thrush 510	
	Thrush 710	
<b>Surveillance aircraft</b>	Islander (BN-2)	White background, lined with different colours
	Partenavia (P-68)	
	Piper Navajo (PA-31)	
	King Air 100 (BE10)	
	Cessna 310 (C310)	
	Cessna 337 (C337)	
	Piper Seneca II Turbo (PA-34)	
	Twin Comanche (PA-30)	
	Beechcraft Baron (BE-58)	

The surveillance aircraft pilot provides position reports on frequency 126.7 MHz with the notation "SOPFIM Operations" whenever a spraying operation takes place. Contact the surveillance aircraft pilot or helicopter pilot at any time on 126.7 MHz.

## Map of aerial spraying operations by region

The figure below provides a map of the areas where land application operations will take place, including all areas that will be treated.



If there is a need to fly at low altitude in the same areas, or if there is a potential conflict with one of the aircraft used in these operations aircraft, contact SOPFIM by email or phone. Operations will be particularly intense on the CYSZ, CYGP, CYVB and CTG3 bases (Bas-St-Laurent and Gaspésie), as well as in the Val D'or sector (CYVO).

To obtain additional information, please contact:

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