

AIP CANADA (ICAO) SUPPLEMENT 42/18

ONTARIO REGION HIGH-ALTITUDE RESEARCH BALLOON FLIGHTS VICTOR M. POWER AIRPORT (CYTS), TIMMINS AUGUST 5 TO 30, 2018

Five (5) high-altitude unoccupied research balloons (call signs NIMBUS 1 to 5) will be launched from Victor M. Power Airport (CYTS) in Timmins, Ontario (48° 34' 14" N 81° 22' 36" W), between August 05 and August 30, 2018.

This balloon campaign is being conducted by the *Centre national d'études spatiales* (CNES) of France and the Canadian Space Agency (CSA), starting August 08, 2018.

The balloons range in volume from 150 000 m³ to 400 000 m³, and the flight chain varies from 1 200 kg to 2 250 kg. Flights from lift-off to landing by multiple parachutes, after separation, will last up to 13 hours and will reach altitudes of up to 38 km (FL 1250) or 125 000 ft. The balloons are colourless to start and then turn translucent white when inflated. As the payload clears the ground, the top of the balloon will reach 250 m, or over 800 ft above ground level (AGL). The parachutes used for descent are red- and white-striped for visibility.

In addition, six (6) small balloons with a volume of 5 to 9 m³, a payload of 2.8 kg, and a flight duration of 4 hours will be launched between August 05 and August 16, 2018.

Flight crews should consult the Toronto and Montreal Flight Information Regions (FIR) and local (CYTS) NOTAMs for details on specific float times and possible restricted airspace.



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