



ASIS

Transportation Safety Board of Canada
Daily Notification Log
MODE: AIR
HO Review Date: 2016/11/21

Page: 4

This information is preliminary and subject to change. The information given for some occurrence may not have been verified by the TSB. Therefore, caution should be used when using this information.

----- Occurrence 3 -----			
Occurrence No.:	A16O0158	Occurrence Type:	INCIDENT REPORTABLE
Class:	CLASS 5	Reportable Type:	RISK OF COLLISION (x)
Date:	2016-11-14	Time:	07:20:00 EST
Region of Responsibility:	ONTARIO		
Location:	29.00 Nautical miles E From CYTZ - Billy Bishop Toronto City Airport - Toronto		
Country:	CANADA	Province:	ONTARIO
Ground Injuries:	Fatal: 0	Minor:	0
	Serious: 0	Unknown:	0

----- Aircraft 1 -----			
Registration:	C-GLQL	Operator:	PORTER AIRLINES INC.
Manufacturer:	DE HAVILLAND	Operator Type:	COMMERCIAL
Model:	DHC-8-400	CARS Sub Part:	705 - AIRLINER
Injuries:	Fatal: 0	Minor:	2
	Serious: 0	None:	56
		Unknown:	0

Occurrence Summary:

C-GLQL, a de Havilland DHC-8-402 aircraft operated by Porter Airlines, was conducting flight POE204 from Ottawa/MacDonald-Cartier Intl, ON (CYOW) to Toronto/Billy Bishop Toronto City, ON (CYTZ). While passing through 8300 feet approximately 29 nautical miles East on the initial approach to CYTZ, the flight crew noticed an object directly ahead on their flight path. The object appeared to be solid, approximately 5 to 8 feet in diameter and shaped like an upright doughnut or inner tube. There appeared to be no relative movement and the object was rapidly getting closer to the aircraft. The captain overrode the autopilot in order to quickly descend the aircraft under the object. The object passed slightly to the right and above the aircraft. There was no impact. Both cabin crew members were in the process of securing the cabin for arrival and were not seated. They received minor injuries when they were thrown into the cabin structure. The aircraft subsequently landed at CYTZ without further incident. There were no reported passenger injuries or damage to the aircraft.

From: Boles, Will
Sent: Wednesday, November 23, 2016 3:10 PM
To: McMenemy, James
Cc: [Bélanger, Marc](#)
Subject: TSB Investigation A16O0158 CADORS 2016O2991 Porter Airlines
Attachments: A16O0158 Class 5 closed.pdf

Hi Jim,

Here is some information regarding the Porter Risk of Collision on Nov 14, 2016. The TSB investigation of A16O0158 Class 5 is closed. (attached)

Will Boles

Standards Coordinator - Airworthiness / Coordonnateur des normes - de navigabilité

Standards/Normes

Tel/Tél: (416) 952-3858 Fax/Télécopieur: 1 877-822-2129

Cellphone/ téléphone portable (416) 660-3247

will.boles@tc.gc.ca

Transport Canada | 4900 Yonge St. PAS, Toronto, Ontario M2N 6A5

Transports Canada | 4900 rue Yonge PAS, Toronto, (Ontario) M2N 6A5

Government of Canada | Gouvernement du Canada

Here are three other stories in today's news:

Transportation Safety Board can't ID object that nearly hit Ottawa-Toronto Porter flight

Description of mystery object far from shore doesn't match any known drone, TSB says

CBC News

November 22, 2016

Canada's Transportation Safety Board (TSB) said Tuesday that it can't identify the mysterious flying object that nearly collided with a Porter flight descending into Bill Bishop Toronto City Airport last week.

A TSB spokesperson said investigators, who initially believed the flying object may have been a drone, have done as much as they can to figure out what it was. It's unlikely the object was an unmanned aerial vehicle, the TSB said, as it was flying higher and farther out from shore than most drones can go.

Pilots thought the object flying at around 9,000 feet may have been a balloon, but didn't take any chances and took evasive action to dodge it. Two flight attendants suffered minor injuries as the Ottawa-Toronto flight zig-zagged over Lake Ontario near Pickering.

None of the passengers on board were injured.

The TSB spokesperson said the incident will be added to a database, but no formal report will be filed about the incident.

Porter plane nearly collided with 'unidentified airborne object': TSB

CP24

November 22, 2016

Chris Herhalt

The Transportation Safety Board says it closed the investigation into a near miss between a Porter Airlines plane and a still unknown airborne object that occurred high over Lake Ontario last week.

On Nov. 14, a Porter Airlines Bombardier Q400 turboprop plane was flying at an altitude of more than 2,700 metres over Lake Ontario, 55 kilometres east of Toronto near the marine border between Canada and the United States, when pilots noticed an unknown object barreling towards them.

TSB investigators said the pilots had only a few seconds to avoid the object, which they described as being as much as three metres wide.

The Porter pilots put the plane in a steep dive in order to dodge the object. Two flight attendants onboard the flight suffered minor injuries as a result.

None of the 54 passengers aboard were hurt.

TSB officials told CTV News Toronto that the description of the object did not match any known commercial or consumer drones currently on the market.

The investigation can be reopened if more information comes to light, officials said.

MPP Norm Miller believes drones should be registered

Huntsville Forester

November 22, 2016

Paige Phillips

MUSKOKA — Should people have to register their drones? Parry Sound-Muskoka MPP Norm Miller doesn't think it would be a bad idea.

Last week, pilots of a Porter Airlines flight inbound to Toronto were forced to put their plane into a sudden dive to avoid a mid-air collision with an unidentified object high over Lake Ontario, causing minor injuries to two flight attendants.

As of last week, investigators with the Transportation Safety Board of Canada were uncertain as to what the object was; however, the possibility of it being a bird was ruled out, as the object appeared too large.

Initial concerns were that the object was an unmanned aerial vehicle (UAV), or drone.

“Just about any drone can get up to a height where it would be hazardous to a small aircraft,” MPP Norm Miller.

“I was kind of surprised at that report that it might be a drone because I think that they said they were at 9,000 feet and a far ways out over the water,” said MPP Miller. “I was surprised that — if it was a drone — that it would be that far away from someone controlling it.”

The incident occurred at 2,743 metres, or 9,000 feet, over the lake near the U.S. border, far from shore.

“Just about any drone can get up to a height where it would be hazardous to a small aircraft,” said Miller. “The regulations are that you’re not supposed to fly a drone above 500 feet and that certainly makes sense because it is not uncommon if a plane was descending to land on a lake or just looking at something on the ground — planes do fly as low as 500 feet.”

And in Parry Sound and Muskoka, the unique landscape that is speckled with lakes and rivers, float planes are commonplace.

“Those are even below 500 feet,” said Miller. “If someone has a drone at their cottage filming their cottage or something like that and a seaplane is coming in on its way to land ... that is certainly a possible area for conflict. A drone could take out a windshield of a plane or affect the flaps and other control surfaces of a plane and could be a potentially hazardous situation.”

With drones becoming more popular and affordable, Miller said moving forward he believes the registration of drones is something that should be considered.

“Drones are becoming more and more and more popular and there are some pretty neat YouTube videos made with them — they’re interesting. My son has one that he uses,” said Miller. “[...]I think that it’s going to be really important because they’re becoming so common that people understand that they can be a hazard — particularly for small planes — and that they understand the rules,” said Miller.

As a pilot himself, Miller said that he has never encountered a drone while flying.

Canadian aviation regulations are under federal jurisdiction monitored through the minister of transport, Marc Garneau, and Transport Canada.
