

- January 2020 -



Thanks go out again to Fred Grootarz for conducting our recurrent training session again this year. Although the actual requirement is every two years for this type of training, it's always helpful to stay up to date. After the session Fred issued stickers for our logbooks to prove to TC that we did indeed keep our training up to date.

President's Message

It's hard to believe it is 2020 already! It doesn't seem so long ago we were talking about Y2K let alone all the things we were going to do in 2019.

This winter has been super busy for me personally and time is flying by so fast. It won't be too long before I get a start on the new project and I'm sure a number of articles for this newsletter and the Recreational Flyer magazine. But for now, I will be making plans and ordering parts to try to speed things along once I get started. Next month, I will include a few pictures of the kit as I brought it home to the "Garage Mahal" and began doing the inventory.

In this issue you will find a copy of the cover letter and a link to the background information that Lee Coulman sent to Marc Garneau, the Minister of Transportation. Lee received feedback from a few of our members and a number of interested parties at COPA 26 before the final copy was prepared and sent. We were trying to keep the message to four pages or so, but there was so much to cover that it ended up a little longer.

They say hindsight is 2020, but I'm looking forward to it...

2020 is going to be a great year for KWRAA.

- Dan

The Leading Edge

Recurrent Training 2020



Fred Grootarz from the Toronto chapter of RAA quizzed KWRAA members using 30 questions from the newest Aeronautical Information Manual (AIM) and shared the answers with the group.



Every 2 years, you must complete one of these training activities:

- Complete a flight review with an instructor
- Attend a Transport Canada aviation safety seminar
- Participate in a Transport Canada-approved recurrent training program
- Complete the self-paced study program, which is updated each year
- Complete a training program or pilot proficiency check required by Part IV, VI or VII of the Canadian Aviation Regulations
- Complete the requirements for the issue or renewal of a licence, permit or rating
- Pass the written exam for a licence, permit or rating

Each year, Fed gets his training sessions approved by Transport Canada as one of the ways for pilots to maintain their 2 year recurrent training requirement.



The Leading Edge

Lee Coulman

January 8, 2020

To: The Honourable Marc Garneau, Minister of Transport, Canada
House of Commons, Ottawa, Ontario, K1A 0A6

Email: marc.garneau@parl.gc.ca

Re: ADS-B Standards for General Aviation Aircraft

Dear Sir,

I am writing on behalf of a group of pilots and engineers troubled with the current plans for the mandating of Nav Canada's incomplete version of ADS-B and its negative impact on General Aviation (GA). Although the satellite-based Aireon surveillance system is providing great world-wide coverage for commercial traffic, Aireon is NOT a complete and safe solution for Canadian GA pilots.

Safety is the primary concern for pilots and Transport Canada alike, but as of this date, Transport Canada has not acted on the recommendations of the TSB from the 2017 and 2018 mid-air collisions near St. Hubert, Quebec^[2] and Carp, Ontario^[3], which resulted in the death of two of the pilots.

- The TSB cited that: "the risk of collision will increase as this traffic continues to grow, and see and avoid remains the primary means of defence".
- ... "Board requests that Transport Canada take a lead role, in cooperation with industry, in examining technological solutions, with the eventual aim of broad-scale adoption."

A study in the USA ^[5] has already proven close to a 90% reduction in aircraft collision fatalities with ADSB which includes the following system attributes:

- Situational awareness including locating other traffic, beyond "see and avoid".
- Subscription free in-flight weather compatible with the FAA ground system.
- Affordable ADS-B IN and OUT solutions using 978 UAT and 1090 MHz for usage maximization.

Currently, Nav Canada continues to deny the obvious solution that would greatly improve safety for the GA fleet. They appear to be indifferent to GA concerns and fixated on a single solution.

- Aireon is incompatible with much of the FAA system for GA as it potentially restricts a large body of FAA approved ADS-B aircraft from entering significant Canadian airspace.
- GA is considered the breeding ground for future airline pilots and needs special attention to increase the safety of the aviation training infrastructure.

Our group has taken the initiative to implement a low cost ground based demonstration ADS-B system at a small airport including the following:

- 1090ES /UAT traffic receiver to monitor aircraft in the area to enhance the UNICOM advisory.
- Transmit aviation weather on a low power UAT transmitter for aircraft close to the airport.
- We have received little help or encouragement outside of the local GA community.

We ask that Transport Canada facilitate an ADS-B solution to harmonize with the FAA systems. To do otherwise, continues to put GA at risk and without direction, there will be no widespread ADS-B adoption.

Please consider the attached document explaining the points above.

Yours truly,

Lee Coulman

To view the supporting document, [CLICK HERE](#) or go to

https://kwraa.weebly.com/uploads/4/3/1/8/43188173/letter_to_minister_of_transport_lpc_.pdf.

Upcoming Events in 2020: (Highlighted lines are KWRAA Events*)

February 10	-	February Meeting at 7:30 in the Cadet building at CYKF
March 9	-	March Meeting at 7:30 in the Cadet building at CYKF
April 13	-	April Meeting at 7:30 in the Cadet building at CYKF
May 11	-	May Meeting at 7:30 in the Cadet building at CYKF

Look for summer fly-in details later in the New Year.

September 14	-	September Meeting at 7:30 in the Cadet building at CYKF
October 19	-	October Meeting at 7:30 in the Cadet building at CYKF
November 9	-	November Meeting at 7:30 in the Cadet building at CYKF
November 27	-	KWRAA Christmas Party – Details to follow later in 2020

* KWRAA events are fly-in and/or drive-in.

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