

May 09,2024

[View in browser](#)



Hey there!

We see lots of exciting news in the evolving Canadian aviation industry right now. Knowing how tough it is to stay on top of all the updates and make sense of the meaningful progress you should keep track of - we are sending you our exclusive updates on AAM developments!

Have a story you'd like to share? Reach out to the team at info@canadianaam.com

The estimated reading time for this edition of The Pulse is around **5 minutes**.

Regulatory Updates from Our National Authorities

ENABLING INNOVATION

Transport Canada is launching a new stakeholder advisory committee for RPAS and AAM - The Advisory Committee on the Future of Aviation (ACFA)

Building off of the momentum of the [Canadian Drone Advisory Committee \(CanaDAC\)](#) which concluded in the Spring of 2023, **ACFA** will serve as a national forum for discussion on policy issues relating to increasingly complex RPAS operations and Advanced Air Mobility (AAM). For more information, watch our [March AAM Town Hall](#) where Transport Canada explains in more detail.

Transport Canada's Response to BVLOS Regulatory Proposal Consultations

Last June, Transport Canada released proposed amendments to [Regulations Amending the Canadian Aviation Regulations \(RPAS – Beyond Visual Line-of-Sight and Other Operations\)](#) with a 90-day consultation from the public, which wrapped up in September of 2023.

Transport Canada has prepared a "[What We Heard Report](#)" to identify the key themes presented by stakeholders, including feedback on the proposed fees, training requirements and micro drones.

Want to hear more updates from Transport Canada?

Email TC.RPASInfo-InfoSATP.TC@tc.gc.ca to be added to Transport Canada's **Monthly RPAS Team Newsletter** - Drone Zone / Zone de Drone!

Funding Updates



[Initiative for Sustainable Aviation Technology \(INSAT\) - \\$350M Investment from the Canadian Government](#)

At the end of March, we hosted our first AAM Town Hall featuring key updates from Transport Canada and INSAT, a **joint industry-government initiative** created to support the growth of sustainable aviation technologies and advance Canada's net-zero carbon emissions objective by 2050.

Michel Dion, Director General of INSAT joined us to provide an overview of INSAT alongside insights for funding opportunities, here are some key takeaways:

INSAT has **4** focus areas:

- Hybrid & Alternative Propulsion
- Aircraft Architecture & Systems
- Clean Fuels Transition (SAF, Hydrogen)
- Infrastructure & Operations Technologies

Project Criteria:

- Impact towards net-zero emissions aviation

- Have a feasible path to commercialization
- Technology Readiness Level (TRL) range of 3-7 (TRL 2 in exceptional cases)
- Need to increase by at least one TRL increment
- Must involve at least one SME

Project Funding:

- Covers up to 40% of eligible costs, can be up to 50% in exceptional cases, and up to 100% for academic collaborators
- Maximum project duration of 3 years
- Maximum \$10M in contributions

Want to learn more about INSAT? Visit their [website](#) or click the title to watch Michel's segment from our March AAM Town Hall!

ICYMI (In Case You Missed It)



[British Columbia's first flight school flying an electric airplane!](#)

In the ongoing mission to propel Canadian aviation into a sustainable future, **Sealand Flight** has been making remarkable strides in reducing aviation emissions by **integrating the Pipistrel Velis Electro** into their flight training program, in collaboration with Transport Canada. Here are some key updates:

- **Factory Maintenance Course:** Sealand Flight recently hosted a comprehensive factory maintenance course for the Pipistrel Velis Electro in Campbell River. Participants included **instructors from Pipistrel**, **AMEs**, representatives from **Transport Canada**, Canadian Pipistrel brokers **Apex Aircraft**, and other interested industry members from across Canada, who learned extensively about the ins and outs of the electric aircraft.
- **Maintenance Approval:** Sealand Aviation, the sister Aircraft Maintenance organization, has become the **first company in Canada** to receive official approval to maintain the Pipistrel electric aircraft.
- **Integration into Training Fleet:** Sealand Flight has been working closely with Transport Canada through many required steps of implementing the aircraft into their Flight Training Unit, and they have some exciting news to share next week.
- **Upcoming Public Event:** Sealand Flight is planning a public event later this year to showcase their first training flight in the Pipistrel, marking the first true commercial use of an electric aircraft in Canada.
- **Transport Canada Collaboration:** Transport Canada is interested in renting the electric aircraft for their internal training in May.

Want to stay updated? Sealand Flight's [website](#) features an "Updates" section to keep us informed about the latest developments, and you can follow them on [Instagram](#) and [Facebook](#)!

CAAM 2.0: Operationalization



CAAM 1.0

Education & Awareness

Our journey over the past five years - **CAAM 1.0**, was focused on "**Education and Awareness**," which laid the groundwork for creating a new industry in Canada.

Today, AAM has evolved and branched out into new realms that range from RPAS, CTOL, VTOL, RAM, and Commercial Aviation.

The new **CAAM 2.0** will be focused on **Operationalization** - our vision for the next five years is to see commercially viable operations of advanced air mobility integrated into Canada's aviation ecosystem.

This means not only developing the necessary infrastructure and regulatory frameworks but also fostering innovation and collaboration across the industry, expedited by our co-founder Helijet's ALIA-250 partnership with BETA Technologies, and Transport Canada's AAM Integration Team.

Stay tuned for more updates in our transition from 1.0 to 2.0!

Upcoming Events That Should Be on Your Radar

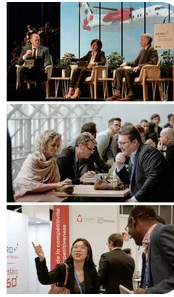


21 → 22 MAY 2024

AT THE PALAIS DES CONGRÈS DE MONTRÉAL

The largest gathering of international aerospace decision-makers in Canada

REGISTRATION IS OPEN !



Aéro Montreal Innovation Forum

Location: Montréal

Date: May 21-22

Foster innovation, enhance global connections and engage in Quebec's collaborative aerospace ecosystem.

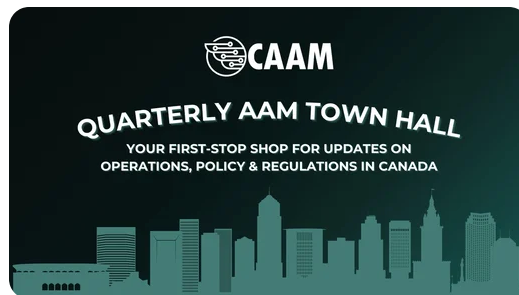


BCAC - Soaring Above Challenges

Location: Nanaimo

Date: May 27-29

BCAC's annual spring conference featuring industry experts, leaders, and innovators eager to share their experience and expertise.



CAAM June AAM Town Hall

Location: Zoom (Digital)

Date: June 27

Your first-stop shop for advanced air mobility updates on operations, policy and regulations in Canada.



ICAO AAM 2024

Location: Montréal

Date: September 9-12

We are collaborating with the **ICAO** on **AAM 2024** to bring together key AAM stakeholders to explore innovative technologies, best practices, and collaborative solutions!

Thanks for tuning into our newsletter - let us know what you think and share this with anyone who may be interested in advanced air mobility updates!

If you don't wish to receive these emails, click "unsubscribe" below this message.

[Email us](#)



canadianaam.com

Canadian Advanced Air Mobility Consortium, Suite #700, 510 Seymour St, Vancouver, BC

[Unsubscribe](#) [Manage preferences](#)