

# CANADA

Building a **safe, innovative** and **sustainable future** for global civil aviation together



## CANDIDATE FOR RE-ELECTION TO THE ICAO COUNCIL IN 2022 – PART I

As Host Country and dedicated Council member, Canada will continue to contribute to making ICAO a force for good in the world, where technical expertise delivers real world benefits. We are committed to working with States, small and large, with bustling industries or newly developing ones, to create a more prosperous, greener, and safer civil aviation system.

### CANADA AND ICAO

- As a founding member of, and leading contributor to ICAO, Canada has been the proud Host Country since its inception and is fully committed to its success.
- Since 1947, the Government of Canada has been working closely with ICAO and its international aviation partners to advance civil aviation in Canada and around the world.
- Canada is an active and productive member of the Council, and has been since its creation.
- Canada supports the work of ICAO by serving on the Council and its Committees, and through experts on the Air Navigation Commission, ICAO's panels, working groups and other fora.

**Montréal** is known as **the world capital of civil aviation**. The Greater Montréal area hosts several major **international aerospace organizations**, including the International Air Transport Association (IATA), Airports Council International (ACI) and the International Federation of Airline Pilots' Associations (IFALPA).



# ADVANCING PRIORITY ISSUES

## Climate Change and Environmental Protection

- Canada is working with international partners and aviation stakeholders to address pollution from international aviation.
- Through the renewal of our Aviation Action Plan, Canada is working with partners to establish ambitious targets to allow for sustainable global aviation growth.
- In the spirit of the *No Country Left Behind* initiative, Canada continues to play a crucial role in supporting the implementation of the *Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)* through *Assistance, Capacity-building and Training for CORSIA (ACT-CORSIA)* partnerships.

## Safer Skies Initiative

- In March 2020, Canada announced the Safer Skies Initiative, including proposals unanimously endorsed by the ICAO Council. The Initiative brings together global civil aviation authorities and partners from international organizations, the civil aviation industry, and ICAO, to enhance the level of safety and security for commercial airlines travelling in or near conflict zones.
- The Safer Skies Initiative aims for States to take immediate action to reduce risks, while promoting improvements to the global aviation system.
- Through the work conducted by both ICAO and the Safer Skies Consultative Committee, co-chaired by Canada, the Safer Skies Initiative is already leading to practical safety improvements for civil aviation operations around the globe. Two successful editions of the Safer Skies Forum took place in 2020 and 2022.



With more than **37,000 civil aircraft** and **73,000 licensed pilots**, Canada has the second largest civil aircraft fleet and number of pilots in the world.

## Recovery and Resilience in Aviation

- Canada continues to work with Member States to further enable air travel and tourism recovery from the COVID-19 pandemic while building a more resilient, innovative, and sustainable aviation industry. Canada actively contributed to the work of the *Council Aviation Recovery Task Force (CART)* and the *Collaborative Arrangement for the Prevention and Management of Public Health Events in Civil Aviation (CAPSCA)*.
- As Host Country, Canada collaborated with ICAO to support business continuity at ICAO Headquarters and beyond during the challenging COVID-19 pandemic period and remains committed in this regard.

## Aviation Safety and Air Navigation Capacity and Efficiency

- Canada has one of the largest and safest civil aviation systems in the world.
- NAV CANADA, which operates Canada's civil air navigation service, manages 18 million square kilometres of Canadian and oceanic airspace.
- Canada is actively working to implement a shift to the use of space-based Automatic Dependent Surveillance – Broadcast (ADS-B) navigation technology among aircraft operating in Class A and B airspace. Additional analysis is being undertaken regarding future implications for Class C, D, and E airspace.
- Credible and transparent air accident investigations that lead to effective safety recommendations are key to accident prevention and global civil aviation safety. That is why Canada is committed to improving Annex 13 Standards and Recommended Practices—to better address conflict-of-interest situations in the context of the downing of an aircraft—and supports the ICAO experts' independent, valuable and crucial work to that effect.





## Aviation Security and Facilitation

- Canada works closely with ICAO and Member State partners to strengthen and advance the international aviation security transportation system.
- Canada demonstrates leadership through active involvement and providing sound aviation security advice at the ICAO Aviation Security Panel and working groups.
- Canada is also committed to assisting Member States in developing and refining their Advance Passenger Information (API) and Passenger Name Record (PNR) programs by hosting information sessions and sharing best practices to ensure a high level of global aviation security.
- Under ICAO's Traveler Identification Program (TRIP), Canada continues to shape the current and future tools and technologies to support safe and efficient identification and processing of travellers. Canada also plays an important part in ICAO's capacity building activities, ensuring no country is left behind in the changing international travel continuum.
- Encouraging capacity building and uptake of these tools globally, Canada supports the shared aim of facilitated and secure travel.

- Canada continually contributes to ICAO's work on accessibility in air transport.
- Canada continues to stand with the individuals and families who have been touched by air tragedies around the world, and supports the work of ICAO on assistance to aircraft accident victims and their families.

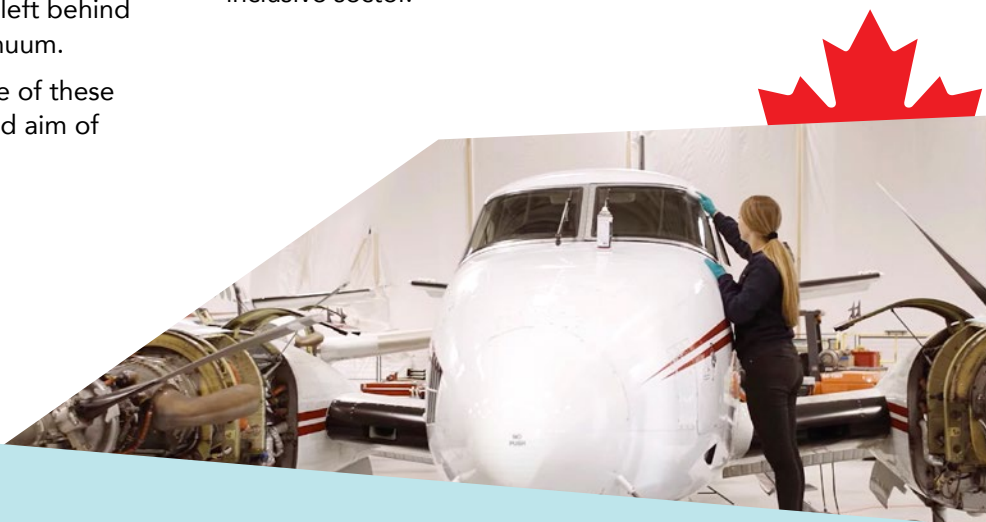
## Labour Shortages, Diversity and Inclusion in Aviation

- There is a shortage of aviation professionals, both in Canada and internationally. Thousands of new pilots, air traffic controllers, maintenance professionals, and other skilled workers are needed over the coming decades.
- By examining barriers and necessary incentives, Canada is working to increase the presence of women and other underrepresented groups in the aviation industry, always striving for a diverse and inclusive sector.



Canadian aerospace maintains its position as a **global leader** in several segments:

- **1st** in civil flight simulators
- **3rd** in civil engines
- **4th** in civil aircraft



The Canadian aerospace industry ranks fourth globally in terms of **civil aircraft production** activity. It is responsible for close to **207,000 jobs**. Canada's aerospace manufacturing base, including in specialized sectors, is renowned globally.

Canada is a **leader in drone innovation**. Our regulatory environment embraces experimentation while keeping aircraft and people safe. The Canadian government has issued over **15,000 special authorizations** for innovative drone operations, **65,000 drone registrations** and **75,000 pilot certificates**. As a result, the Canadian drone industry is having a global impact.



## PARTNERS FOR SUCCESS

- Canada works with ICAO and its Member States to support countries in meeting international aviation standards, including through funding, capacity building programs, technical assistance, cooperation, and participation in various fora.

## INNOVATING FOR THE FUTURE

- Canada is working with international partners and aviation stakeholders to adopt emerging technologies, such as biometrics and digital identity, to innovate and change passenger processing models.
- Canada's Pre-load Air Cargo Targeting (PACT) Program is pioneering the use of Artificial Intelligence and advanced data analytics to bring efficiency to its risk assessments of the global air cargo supply chain.

- Canada is a hub for research, development and testing in next generation Remotely Piloted Aircraft Systems (RPAS) technology. Companies at home and abroad leverage Canada's strategic assets in the industry—including our test ranges, world-renowned academic institutions, and vast amounts of uncontrolled airspace—to expand the art of the possible.
- Canada is taking proactive steps to maximize the potential of emerging innovation in the drone sector. Working closely with industry, NAV CANADA, and international partners, Canada is facilitating next-generation drone operations so that companies can get new aircraft—including electric aircraft—into the skies. This will help make Canada and the global community more resilient against current and future challenges, such as supply chain disruptions, and help create a sustainable future for aviation.



**CANADA WOULD BE HONOURED TO CONTINUE TO CONTRIBUTE  
ITS LEADERSHIP IN CIVIL AVIATION ON THE ICAO COUNCIL.**