

NAV CANADA ▸ PROPRIETARY

# NAV CANADA Remotely Piloted Aircraft Systems

ICAO DRONE ENABLE Symposium  
2022

Panel: Supporting ATM/UTM Integration

November, 2022



Serving a world in motion  
[navcanada.ca](http://navcanada.ca)



# FACTS AND FIGURES

Private, non-share capital company

Managing one of the largest regions of airspace in the world

Fiscal 2021



ACC Traffic:

2.1 million flights

Total IFR Flight Hours: 2.0 million



Tower, FSS and RAAS Traffic:

4.5 million movements



**18 M**

square kilometres of  
airspace managed by  
NAV CANADA



More than

**100**

staffed sites



More than

**4,000**

employees across the  
country



**45,000+**

customer accounts

The facts and figures presented here were accurate as of 2020.



*TODAY*

**Served by ATM:**

- Special Flight Operating Certificate (Transport Canada)
- IFR Flight
  - Equipage / Assessment
- Airspace Planning
  - CONOPS
  - Impact Analysis
  - ATS Unit Guidance

**Served by RTM:**

- Small RPAS
- Regulated
  - VLOS
  - Segregated / Low Level
- Permission to access controlled airspace
  - NAV Drone (60k)
  - ATS Awareness

*TOMORROW*

**Served by ATM:**

- Regulated
- IFR
- Standards / Performance
  - C2 / DAA
  - Separation
  - Predictable Contingencies

**Served by RTM:**

- BVLOS Regulated
  - Segregated / Low Level
  - C2 / DAA
- RTM Digital Architecture
  - Remote Identification
  - Central Services
  - Service Providers
- Controlled Airspace
  - Segregated Volume
  - ATM Integration / Exception



*New  
Categories*



*FUTURE*

*Further  
Integration*

*New  
Flight  
Rules*

