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AVIATION ROYALE CANADIENNE



1 Canadian Air Division, Canadian NORAD Region, JFAC, SRR Trenton

1re Division aérienne du Canada, Région canadienne du NORAD, CAFI, RRS Trenton

#### **Arctic Air Power – Tactical Perspective**

RUSI (NS) - 19 May 2021



Colonel Dave Moar Commander, 4 Wing Cold Lake



**Overall classification of the brief: UNCLASSIFIED** 







## Outline



- Orientation to CANR
- Operations environment
- Strengths
- Challenges
- Future capability





### **CANR** Orientation





Professionalism – Excellence - Relationships

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### **Operations Environment**





Professionalism – Excellence - Relationships

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Professionnalisme – Excellence – Relations Durables

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# **Operational Strengths**



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- Basing flexibility
- Speed and agility
- Northern ops expertise
- CAN/US interoperability
- Lateral assets/capabilities









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## **Operational Challenges**



- Area of responsibility
  - Distance/time/resources
- Northern infrastructure
- Logistical support
- Hostile climate
- Communications







Professionalism – Excellence - Relationships

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## **Future capability**



- Strong, Secure, Engaged
- NORAD Modernization
  - All-domain awareness
  - Defeat mechanisms
- Expanding the North
- Fighter capability upgrades
  - CF18 Hornet Extension Program
  - Future Fighter Capability Project





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## **Discussion and Questions**





Professionalism – Excellence - Relationships

Professionnalisme – Excellence – Relations Durables CAN UNCLASSIFIED

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