



SAFEGUARDING CANADIAN SOVEREIGNTY

The best solution for Canada's Remotely Piloted Aircraft Systems (RPAS) project requirements.

The Artemis UAS is based on IAI's renowned Heron TP, a mature and combat-proven system currently in service with the Israeli and German Air Force. This Medium Altitude Long Endurance (MALE) UAS sets the new standard in mission envelope payload capability and system reliability.

The Artemis UAS is built to meet all RPAS mission requirements, including long flights in the cold and vast Canadian Arctic. The Artemis can fly more than 32 hours in mission configuration, reaching altitudes as high as 45,000 feet and speeds up to 220 KTAS. The powerful PT6A-67A engine ensures

that operation in inclement weather is safe and effective, a reality in Canada that precludes other platforms from accomplishing the mission. An adaptable payload suite ensures flexibility in meeting a broad spectrum of potential needs.



THE BEST VALUE PROPOSITION FOR CANADIANS

Team Artemis offers an unmatched value proposition to Canada from aircraft assembly to mission integration to in-service support. The team will also count on local companies to provide many of the system components.



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THE ARTEMIS UAS OFFERS:

- > Multi-mission / Multi-payload configuration
- > Large internal volume for a variety of payloads
- > All-weather capability
- > Satellite Communication (SATCOM) for extended range (Beyond-Line-of-Sight – BLOS)
- > Triple-redundant avionics
- > Automatic Taxi-Takeoff-Landing (Mature ATOL)
- > Certified to STANAG 4671
- > Compatible with NATO interoperability and data format standards
- > Engineered to meet 5-Eyes cyber-security requirements
- > Unpaved runway flight operations
- > Independent payload selection and integration
- > Canadian full sovereignty and autonomy
- > Mature aircraft with 10s of thousands of operational hours
- > Modular and extendable GCS
- > Significant Canadian content



PERFORMANCE

- > Operation above commercial traffic (up to 45,000 ft.)
- > Mission endurance above 32 hours
- > Max speed: 220 ktas

TECHNICAL DATA

- > Maximum takeoff weight: 5,670 kg
- > Useful payload: 2,700 kg
- > Typical mission payload 1,000 kg
- > Wingspan: 26 m
- > Length: 14 m
- > 1,200 hp PT6A-67A turboprop engine



TEAM ARTEMIS CAPABILITIES - November 2020
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FAST. FORWARD.

10 000 Helen-Bristol
Mirabel, Quebec J7N 1H3
info@TeamArtemis.ca